

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

**APPLICATION FOR PERMIT TO DRILL**

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO: <b>FEE</b>	6. SURFACE: <b>Fee</b>
		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: <b>El Paso E&amp;P Company, L.P. c/o H&amp;B Petroleum Consultants</b>		9. WELL NAME and NUMBER: <b>Case #2-31B4</b>	
3. ADDRESS OF OPERATOR: <b>291 Daffodil</b> CITY <b>Casper</b> STATE <b>Wy</b> ZIP <b>82604</b>		PHONE NUMBER: <b>(307) 237-9310</b>	
4. LOCATION OF WELL (FOOTAGES)  AT SURFACE: <b>780' FSL &amp; 780'FWL</b> AT PROPOSED PRODUCING ZONE:		10. FIELD AND POOL, OR WILDCAT: <b>Altomont/BlueBell 55</b>  11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWSW 31 T2S R4W</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>7.6 miles North of Duchesne, Utah</b>		12. COUNTY: <b>Duchesne</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>780 feet</b>	16. NUMBER OF ACRES IN LEASE: <b>684.76</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>640</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>4787 feet</b>	19. PROPOSED DEPTH: <b>12,000</b>	20. BOND DESCRIPTION: <b>400JU0708</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>6041 Ground</b>	22. APPROXIMATE DATE WORK WILL START: <b>Upon Approval</b>	23. ESTIMATED DURATION: <b>56 Days</b>	

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
20	16 54.5	80	Class G 134 SX 1.18cuft/sx 15.8 lb/gal
12 1/4	9 5/8" N-80 40 lb	5,840	Lead:Class G 350 sx 3.9cuft/sx 11 lb/ga Stage 1
			Tail:ClassG 110 sx 1.62cuft/sx 14.1lb/ga
			Lead ClassG 300sx 3.9cuft/sx 11 lb/ga Stage 2
8 3/4	7" HCP 110 29 lb	10,000	CemCrete 755sx 1.65 cuft/sx 12.49 lb/gal
7"	5" P-110 18 lb	12,300	ClassG 190sx 1.86 cuft/sx 14.5lb/gal

**ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                                   |
| <input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER        | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) <u>Larry D. Brown</u>	TITLE <u>Agent for El Paso E&amp;P Company, L.P.</u>
SIGNATURE <u><i>Larry D. Brown</i></u>	DATE <u>2/19/07</u>

(This space for State use only)

API NUMBER ASSIGNED: 43013-33548

APPROVAL:

**RECEIVED**

**FEB 22 2007**

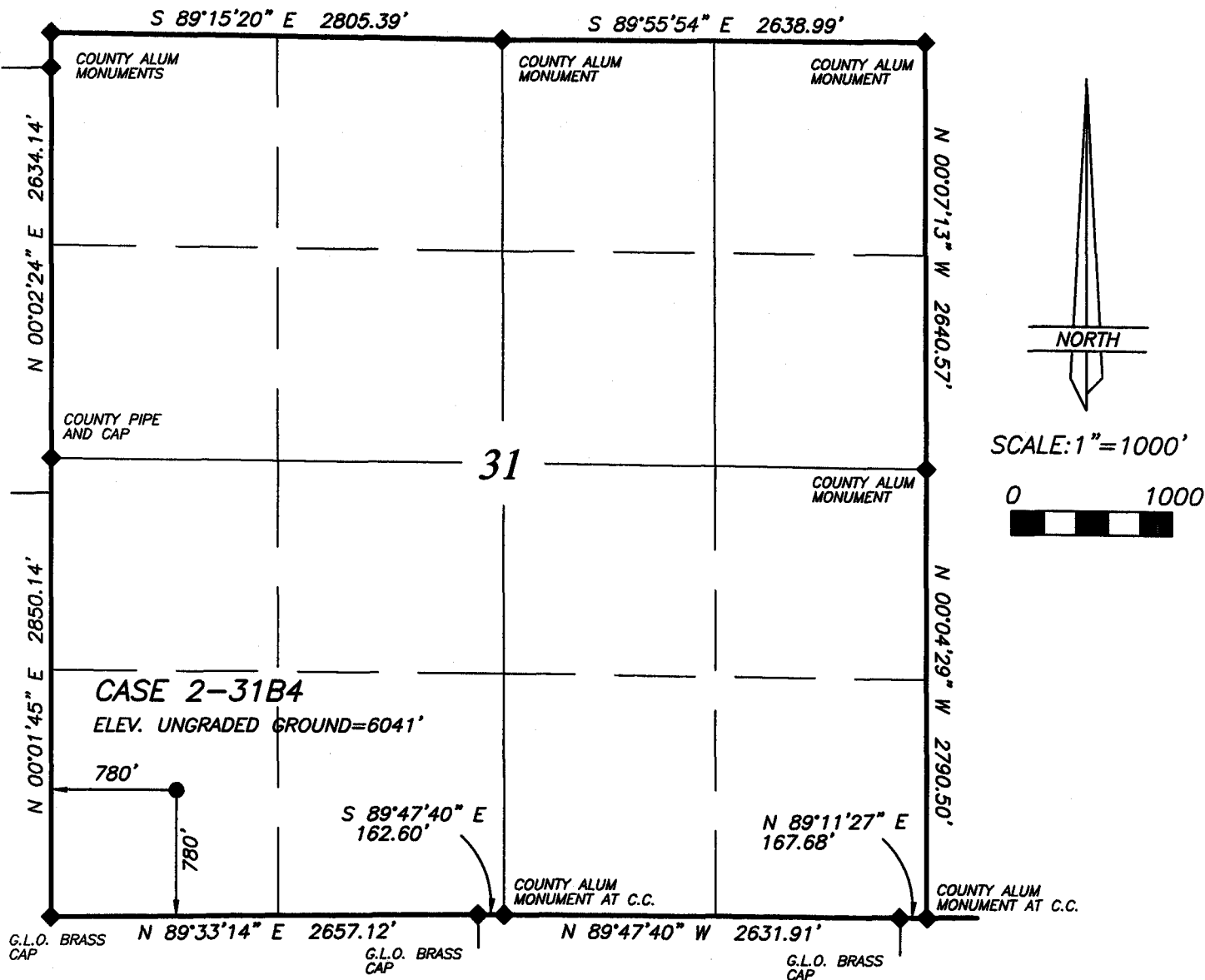
DIV. OF OIL, GAS & MINING

# EL PASO E & P COMPANY, L.P.

LOCATED IN THE SW¼ OF THE SW¼ OF  
SECTION 31, T2S, R4W, U.S.B.&M.  
DUCHESNE COUNTY, UTAH

## WELL LOCATION

CASE 2-31B4



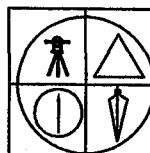
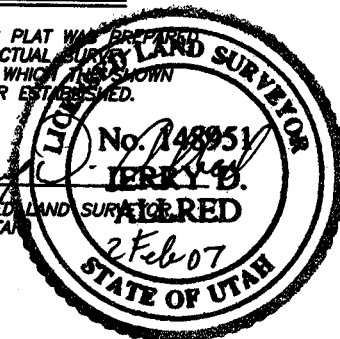
### LEGEND AND NOTES

- ◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY
- THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP
- THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT
- BASIS OF BEARINGS: G.P.S. OBSERVATION WITH BASE AT SW SECTION CORNER
- BASIS OF ELEVATIONS: A SPOT ELEVATION OF 6032' AT THE S¼ CORNER OF SECTION 31 AS SHOWN ON THE U.S.G.S. 7.5 MINUTE SERIES, TALMAGE QUADRANGLE.

### SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND PERFORMED BY ME, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

JERRY D. ALLRED, REGISTERED LAND SURVEYOR  
CERTIFICATE NO. 148951 (UTAH)



JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS

121 NORTH CENTER ST.--P.O. BOX 975  
DUCHESNE, UTAH 84021  
(435) 738-5352

REV 2 FEB 2007  
3 JAN 2007 01-128-012

**CASE #2-31B4  
SWSW Sec. 31, T2S, R4W  
DUCHESNE COUNTY, UT  
FEE**

**EL PASO E&P COMPANY, L.P.**

*DRILLING PROGRAM*

1. **Estimated Tops of Important Geologic Markers**

<u>Formation</u>	<u>Depth</u>
Green River	5,642'
Mahogany Bench	6,548'
L. Green River	7,976'
Wasatch	9,768'
TD	12,000'

2. **Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	
	Mahogany Bench	6,548'
Oil	L. Green River	7,976'
Oil	Wasatch	9,768'

3. **Pressure Control Equipment:** (Schematic Attached)

A 4 ½" by 16.0" rotating head from surface to 5,950', 11" 5M BOP stack, 5M kill lines and choke manifold used from Surface to 10,000'. An 11.0", 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 10,000' to TD.

The BOPE and related equipment will meet the requirements of the 5M and 10M system.

**OPERATORS MINIMUM SPECIFIC FOR BOPE:**

The surface casing will be equipped with a flanged casing head of 5M PSI working pressure. We will NU an 11.0" 5M BOP, 5M Annular. This equipment will be nipped up on the surface casing and tested to 250psi low test/5M psi high test prior to drilling out. The surface casing will be tested to 1500 psi. Intermediate casing will be tested to the greater of 1500 psi or .22 psi/ft. The choke manifold equipment, upper Kelly cock, floor safety valves will be tested to

5M psi. The annular preventor will be tested to 250 psi low test and 2500 psi high test or 50% of rated working pressure. A 10M BOP installed with 5M annular with 3 ½” rams, blind rams, mud cross and rotating head from 10,000’ to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventor will be activated weekly and weekly BOP drills will be held with each crew.

**Statement on Accumulator System and Location of Hydraulic Controls:**

Frontier #7 will be used at the proposed location. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance for 5M and 10M psi systems.

**Auxiliary Equipment:**

- A) Mud logger with gas monitor – 6,000’ to TD
- B) Choke manifold with one manual and one hydraulic operated choke
- C) Full opening floor valve with drill pipe thread
- D) Upper and lower Kelly cock
- E) Shake, desander, desilter and mud cleaner.

**4. Proposed Casing & Cementing Program:**

Hole Size	Casing Size	Grade	Thread	Weight	Setting Depth
17 1/2	13 3/8		STC	54.5	600
12 ¼”	9 5/8”	N-80	LTC	40 lb/ft	5,840
8 ¾”	7 “	HCP 110	LTC	29 lb/ft	10,000
7”	5”	P-110	LTC	18 lb/ft	9700-12000

Conductor: 565 sacks Class G. 15.8 lb/gal, yield 1.15 cuft/sx, w 2% CaCl<sub>2</sub>

Surface Cement: Stage Collar @ 2500 feet. Stage #1; Lead 350 sacks , 11ppg, 3.9cuft/sx, Class G 5%D44 (bwow) +12% D20+1% D79+.25% D112+.2%D46+.125pps D130.

Tail 110 sacks, 14.1ppg, 1.62 cuft/sx Class G 10RFC.

Stage #2 Lead 300 sacks, 11ppg, 3.9 cuft/sx, Class G +5%D44(bwow) +12%D20+ 1%D79+ .25%D112+ .2%D46+.125ppsD130.

Intermediate Cement: Lead 800 sacks, 12.49ppg, 1.65 cuft/sx,CemCRETE Blend 55 9/44 1(D961/D124) +.2%bwob D65 +.2%bwob D46+.4%bwob D13+.2%bwobD167

Production Cement: 120 sacks 14.5ppg 1.86 cuft/sx,WellBond Slurry Class G +35%D66+1.6gpsD600G+.05gps D80+3%D167+2%D46+4%D800 1%D20

Stage 1 to 2500  
w/ 97%  
Stage 2 w 18%  
1559  
w stage 1 655



5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.5 – 8.9
Intermediate	WBM	8.9 – 10.0
Production	WBM	11.0 – 14.0

Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for tip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program:**

Platform Express: TD to Surface Casing

Sonic: TD to Surface Casing

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 12,000' TD equals approximately 8,112 psi (calculated at 0.6760 psi/foot).

Maximum anticipated surface pressure equals approximately 5,472 (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**

**CASE #2-31B4  
SWSW Sec. 31, T2S, R4W  
DUCHESNE COUNTY, UT  
FEE**

**EL PASO E&P COMPANY, L.P.**

**Related Surface Information**

- 1) **CURRENT SURFACE USE:** Livestock Grazing and Oil and Gas Production.
- 2) **PROPOSED SURFACE DISTURBANCE:**
  - a) The road will be crown and ditch. Water wings will be constructed on the access road as needed.
  - b) The topsoil will be windrowed and respread in the borrow area.
  - c) New road to be constructed will be approximately .07 mile in length, 25 feet wide. .38 mile of existing 2 track needs to be upgraded and .4 miles of existing gravel road will be used. 3666 feet of Gas and Saltwater Disposal pipeline will be laid along the proposed access routes and existing area roads. The pipelines will include 4" gas, 2" gas and 4" saltwater disposal as shown on Exhibit C.
  - d) All equipment and vehicles will be confined to the access road pad and area specified in the APD.
- 3) **LOCATION OF EXISTING WELLS:**

Existing oil, gas and water wells within one (1) mile radius of proposed well are provided in EXHIBIT C.

Water for drilling will be obtained from Dalbo Inc's underground well located in Ouray, Utah Sec 32 T4S R3E, Water Use Claim #43-8496
- 4) **EXISTING/PROPOSED FACILITIES FOR PRODUCTIVE WELL:**
  - a) There are no existing facilities that will be utilized for this well.
  - b) The pipeline will be constructed parallel and adjacent to the road as shown on Exhibit C. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
  - c) Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.
- 5) **CONSTRUCTION MATERIALS:**

Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.

**6) METHODS FOR HANDLING WASTE DISPOSAL:**

- a) The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of  $\frac{1}{2}$  the total depth below the original ground surface on the lowest point within the pit. The pit will be lined with a 9-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be placed in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
- b) Garbage and other trash will be contained in a portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig move off location and hauled to an authorized disposal site.
- c) Sewage will be handled in Portable Toilets.
- d) Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from location at a later date.
- e) Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's.

**7) ANCILLARY FACILITIES:**

There will be no ancillary facilities associated with this project.

**8) SURFACE RECLAMATION PLANS:**

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared

- a) Seed will be planted after September 15<sup>th</sup>, and prior to ground frost, or seed will be planted after the frost has left and before May 15<sup>th</sup>. Slopes to steep for machinery will be hand broadcast and raked with twice the specified amount of seed.
  - 1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
  - 2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
  - 3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.
- b) Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.

- c) All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
- d) Landowner will be contacted for rehabilitation requirements.

**9) SURFACE OWNERSHIP:**

Ronnie W. Case  
440 S. Redwood Rd.  
Salt Lake City, UT 84104  
801/573-7663

**10) OTHER INFORMATION:**

- a) The surface soil consists of clay, and silt.
- b) Flora - vegetation consists of the following: Sagebrush, Juniper and prairie grasses.
- c) Fauna - antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
- d) Current surface uses – Livestock grazing and mineral exploration and production.

121 NORTH CENTER ST.--P.O. BOX 975  
DUCHESNE, UTAH 84021  
(435) 738-5352

# EL PASO E & P COMPANY, L.P.

## LOCATION LAYOUT FOR

CASE 2-31B4

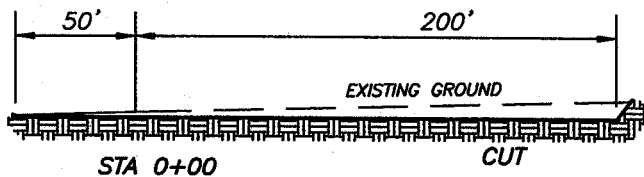
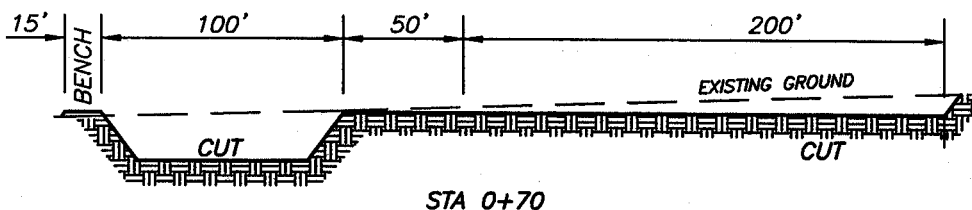
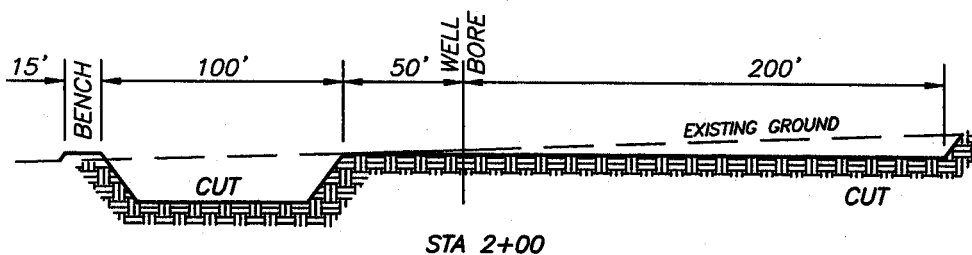
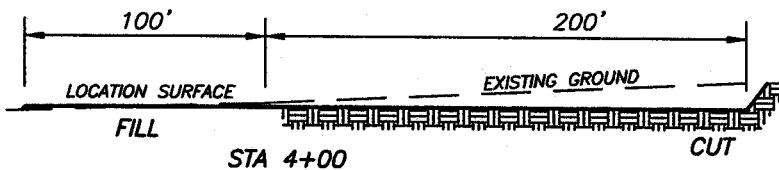
SECTION 31, T2S, R4W, U.S.B.&M.

780' FSL, 780' FWL

FIGURE #2

1"=40'  
X-SECTION  
SCALE  
1"=80'

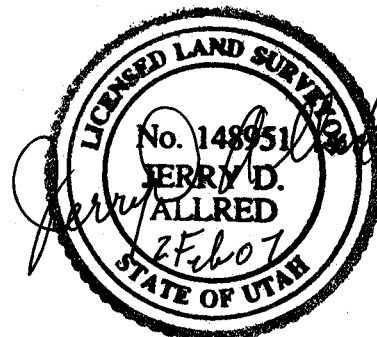
NOTE:  
ALL CUT/FILL  
SLOPES ARE  
1½:1



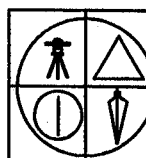
### APPROXIMATE YARDAGES

TOPSOIL STRIPPING: (6") = 2,400 CU. YDS.  
REMAINING LOCATION CUT = 13,000 CU. YDS

TOTAL CUT (INCLUDING PIT) = 15,400 CU. YDS.  
TOTAL FILL = 300 CU. YDS.

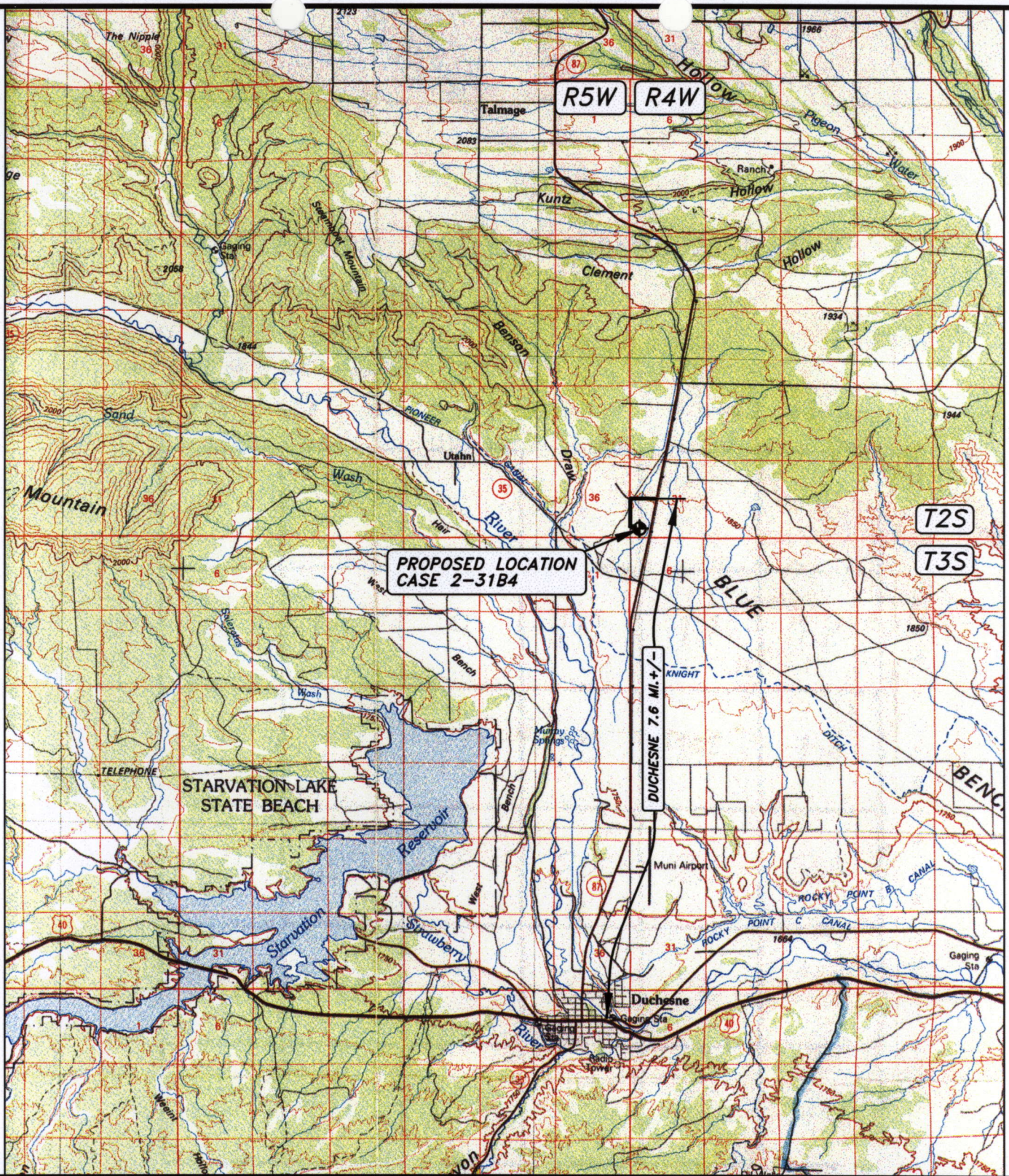


REV 2 FEB 2007  
REV 10 JAN 2007  
3 JAN 2007 01-128-012



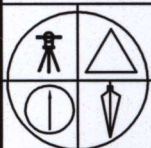
JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS  
121 NORTH CENTER ST.--P.O. BOX 975  
DUCHESTER, UTAH 84021  
(435) 738-5352





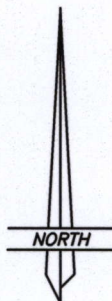
## LEGEND:

◆ PROPOSED WELL LOCATION



**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS

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DUCHESE, UTAH 84021  
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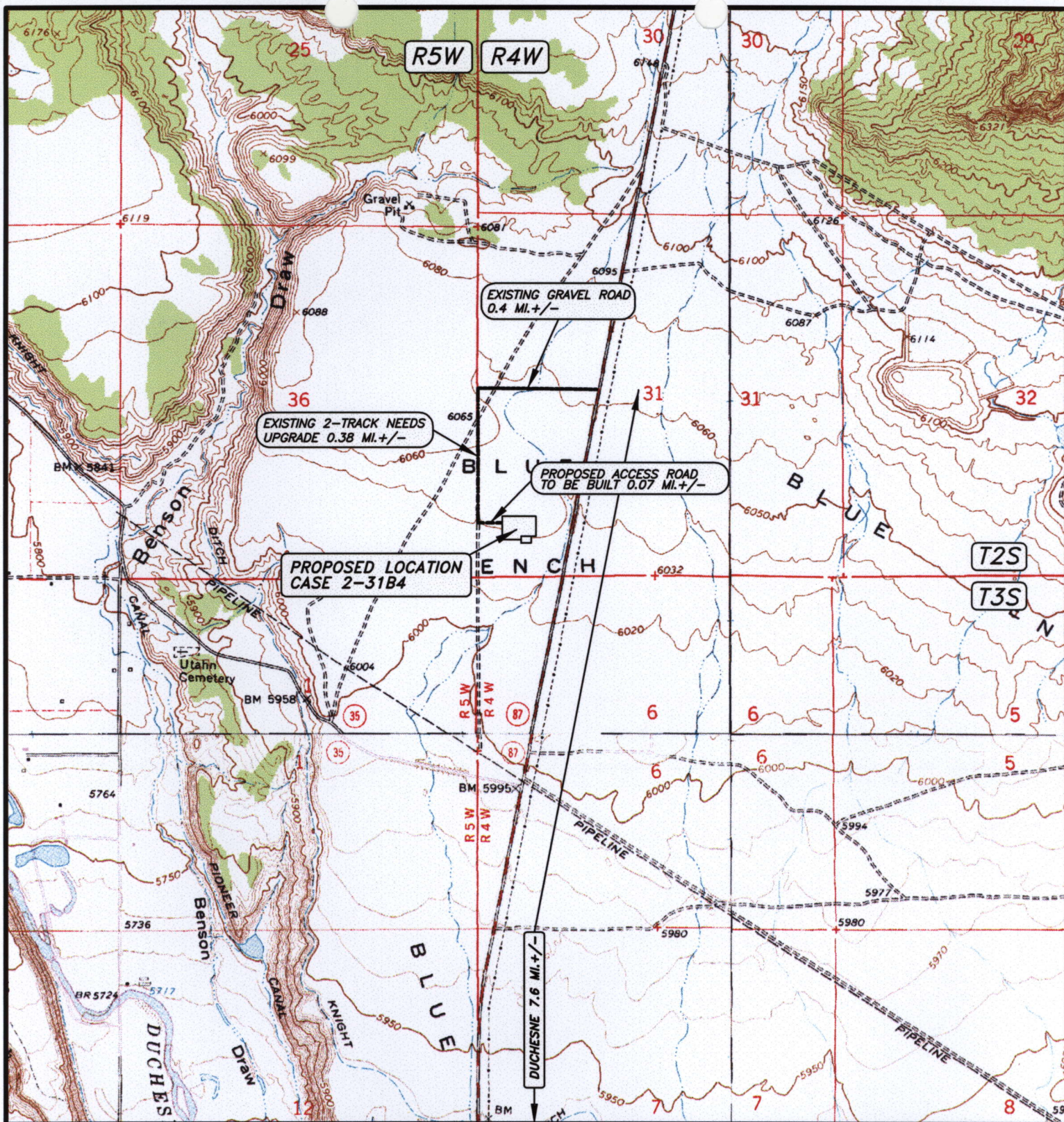
**EL PASO E & P COMPANY, L.P.**

CASE 2-31B4  
SECTION 31, T2S, R4W, U.S.B.&M.  
780' FSL 780' FWL

**TOPOGRAPHIC MAP "A"**

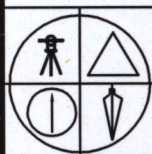
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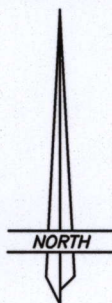
## LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD
- ..... EXISTING 2-TRACK NEEDS UPGRADING



**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS

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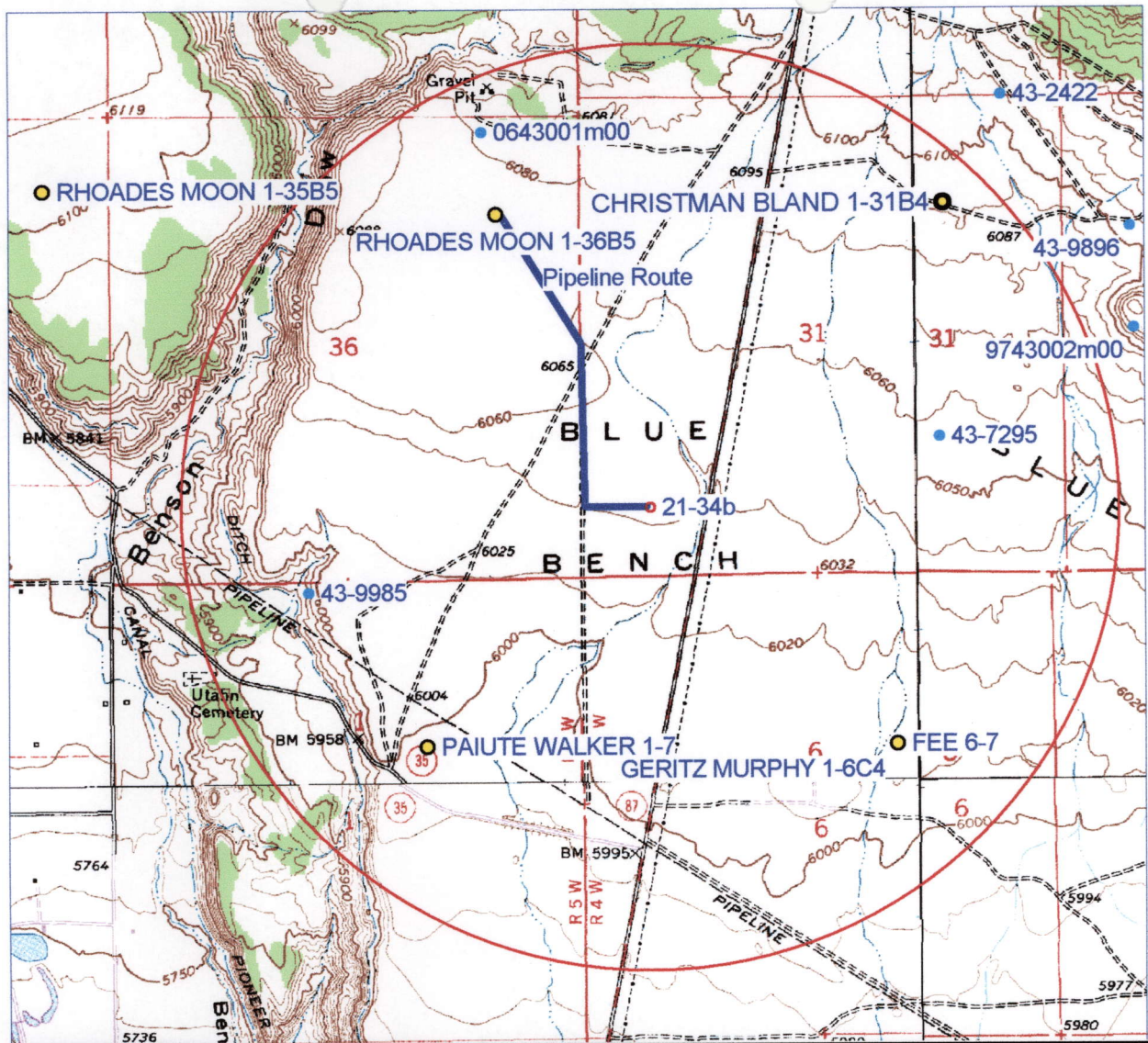
**EL PASO E & P COMPANY, L.P.**

CASE 2-31B4  
SECTION 31, T2S, R4W, U.S.B.&M.  
780' FSL 780' FWL

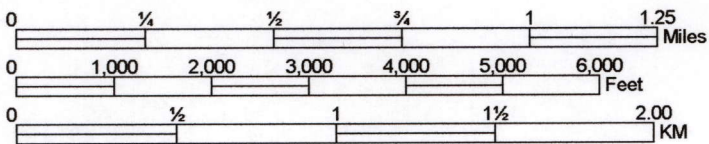
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1 FEB 2007

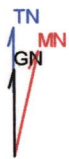




El Paso E&P Company, L.P.  
Exhibit C  
Case 2-31B4  
SWSW Section 31 T2S R4W



UTM Grid and 2007 Magnetic North  
Declination at Legend  
Z12 GN to TN -0.380° (-7 mills)  
TN to MN 12.828° (228 mills)  
Magnetic Dip = 66.14°



Water Wells

Oil and Gas Wells

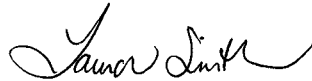
Pipeline Route

**AFFIDAVIT OF SURFACE DAMAGE AGREEMENT**

Laura Smith personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Laura Smith. I am a Sr. Staff Landman for El Paso E&P Company, L.P., whose address is 1099 18<sup>th</sup> Street, Suite 1900, Denver, Colorado 80202 ("El Paso").
2. El Paso is the Operator of the proposed Case 2-31B4 well to be located in SW/4 of Section 31, Township 2 South, Range 4 West, Duchesne County, Utah (the "Drillsite Location"). The surface owners of the Drillsite Location are Ronnie W. Case and Christine Case, P.O. Box 70161, Salt Lake City, Utah 84170-0161 (collectively the "Surface Owners").
3. El Paso and the Surface Owners have agreed upon and entered into a Damage Settlement and Release agreement dated January 25, 2007 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.



\_\_\_\_\_  
Laura Smith

**ACKNOWLEDGEMENT**

STATE OF COLORADO     §  
CITY AND                 §  
COUNTY OF DENVER     §

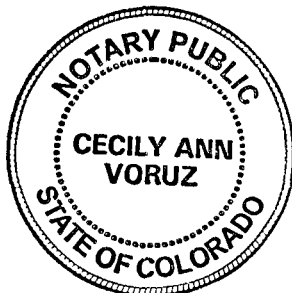
Before me, a Notary Public, in and for this state, on this 16th day of February, 2007 personally appeared Laura Smith, to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.



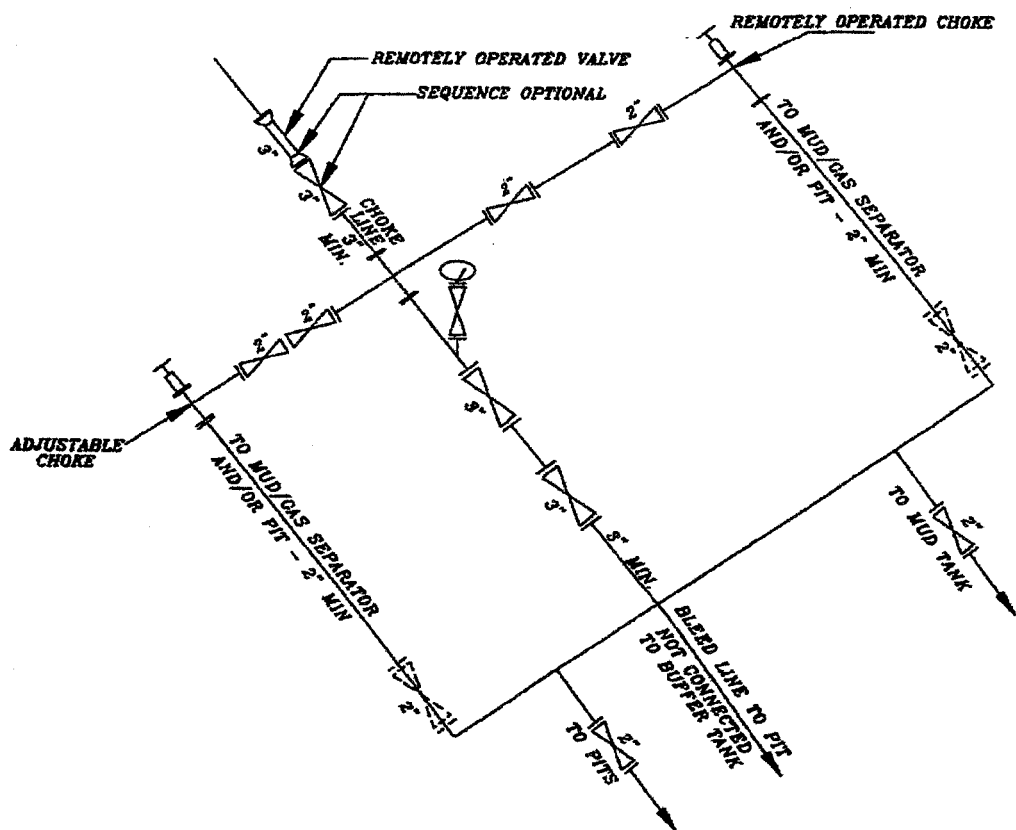
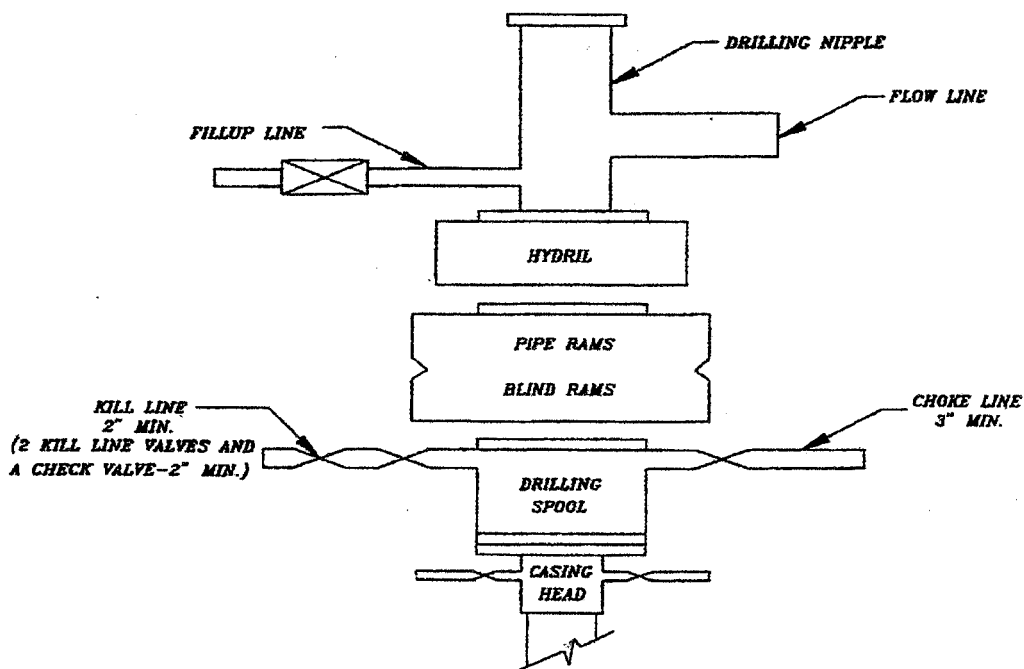
\_\_\_\_\_  
NOTARY PUBLIC.

My Commission Expires:

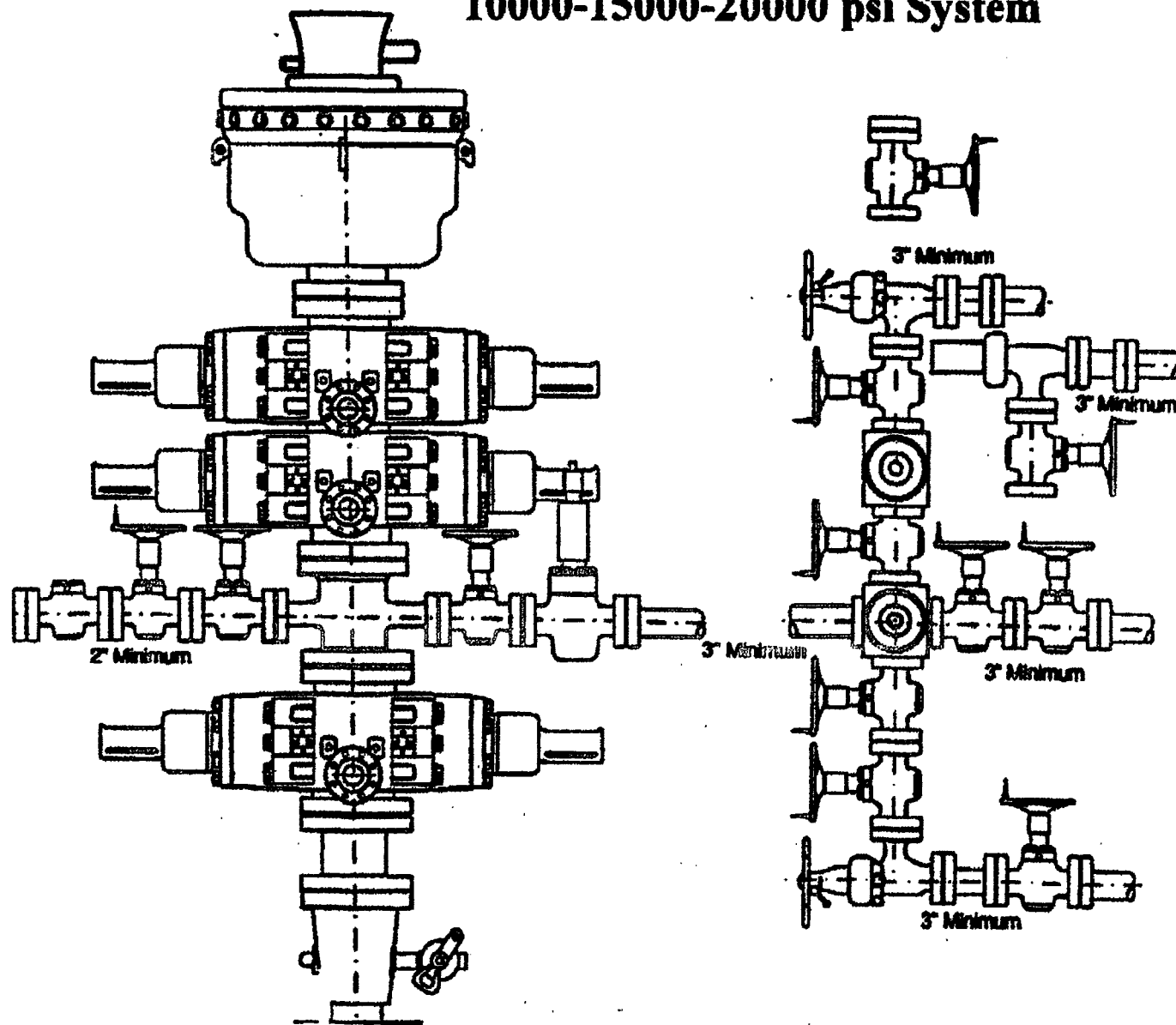
01/27/2010



# 5M BOP STACK and CHOKE MANIFOLD SYSTEM



# 10000-15000-20000 psi System



**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/22/2007

API NO. ASSIGNED: 43-013-33548

WELL NAME: CASE 2-31B4

OPERATOR: EL PASO E&P COMPANY, LP ( N3065 )

PHONE NUMBER: 307-237-9310

CONTACT: LARRY D. BROWN

**PROPOSED LOCATION:**

SWSW 31 020S 040W

SURFACE: 0780 FSL 0780 FWL

BOTTOM: 0780 FSL 0780 FWL

COUNTY: DUCHESNE

LATITUDE: 40.25859 LONGITUDE: -110.3857

UTM SURF EASTINGS: 552236 NORTHINGS: 4456429

FIELD NAME: ALTAMONT ( 55 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DWD	3/21/07
Geology		
Surface		

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

PROPOSED FORMATION: WSTC

SURFACE OWNER: 4 - Fee

COALBED METHANE WELL? NO

**RECEIVED AND/OR REVIEWED:**

☒ Plat  
☒ Bond: Fed[] Ind[] Sta[] Fee[]  
(No. 400JU0708 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-8496 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y)N  
☒ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

\_\_\_ R649-2-3.  
Unit: \_\_\_\_\_  
\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 139-42  
Eff Date: 4-12-1985  
Siting: 660' fr next w bdr g 91320' fr other wells.  
\_\_\_ R649-3-11. Directional Drill

COMMENTS:

*Under Permit (03-01-07)*

STIPULATIONS:

*1- STATEMENT OF BASIS*



OPERATOR: EL PASO E&P LP (N3065)

SEC: 31 T.2S R. 4W

FIELD: ALTAMONT (55)

COUNTY: DUCHESNE

CAUSE: 139-42 / 4-12-1985

**Field Status**

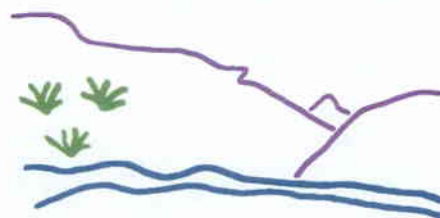
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Wells Status**

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



*Utah Oil Gas and Mining*



PREPARED BY: DIANA MASON  
DATE: 12-MARCH-2007

# Application for Permit to Drill

## Statement of Basis

3/5/2007

Utah Division of Oil, Gas and Mining

Page 1

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Ownr</b>	<b>CBM</b>			
271	43-013-33548-00-00		OW	P	No			
<b>Operator</b>	EL PASO E&P COMPANY, LP		<b>Surface Owner-APD</b>					
<b>Well Name</b>	CASE 2-31B4	<b>Unit</b>						
<b>Field</b>	UNDESIGNATED	<b>Type of Work</b>						
<b>Location</b>	SWSW 31 2S 4W U 780 FSL 780 FWL GPS Coord (UTM) 552236E 4456429N							

### Geologic Statement of Basis

El Paso proposes to set 80 feet of surface casing and 5,840 feet of intermediate casing both of which will be cemented to surface. The surface and intermediate holes will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 2,000 feet. A search of Division of Water Rights records indicates that there are 26 water wells within a 10,000 foot radius of the proposed location. The nearest water wells are approximately .6 miles from the proposed site. These wells produce water from the Duchesne River Formation and all but one well are less than 525 feet deep. Most wells fall in the 100-500 foot range. One well located .6 miles to the south east is listed as 1,500 feet deep. The wells are listed as being used for irrigation, stock watering, industrial and domestic. The proposed casing and cement program should adequately protect the highly used Duchesne River aquifer.

Brad Hill  
APD Evaluator

3/5/2007  
Date / Time

### Surface Statement of Basis

The proposed Case #2-31B4 oil well location is on the northwest end of Blue Bench approximately 7 miles north of Duchesne, Utah. Access from Duchesne is by State Highway 87 and existing gravel or 2-track roads to where 0.07 miles of new road will be constructed. The 2-track and new road may require imported rocky borrow for a solid base.

The area is flat with little slope or changes in topography. No surface water, seeps or springs are known to exist.

Both the surface and minerals of the location are privately owned. Surface owner is Ronnie W. Case of Salt Lake City, Utah.

The selected area appears to be a suitable location for drilling and operating a well.

Floyd Bartlett  
Onsite Evaluator

3/1/2007  
Date / Time

### Conditions of Approval / Application for Permit to Drill

<b>Category</b>	<b>Condition</b>
Pits	A synthetic liner with a minimum thickness of 12 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

# **ON-SITE PREDRILL EVALUATION**

## **Utah Division of Oil, Gas and Mining**

**Operator** EL PASO E&P COMPANY, LP  
**Well Name** CASE 2-31B4  
**API Number** 43-013-33548-0 **APD No** 271 **Field/Unit** UNDESIGNATED  
**Location:** 1/4,1/4 SWSW **Sec** 31 **Tw** 2S **Rng** 4W 780 FSL 780 FWL  
**GPS Coord (UTM)** 552242 4456428 **Surface Owner**

### **Participants**

Floyd Bartlett (DOGM), Wayne Garner (ElPaso)

### **Regional/Local Setting & Topography**

The proposed Case #2-31B4 oil well is on the northwest end of Blue Bench approximately 7 miles north of Duchesne, Utah. Access from Duchesne is by State Highway 87 and existing gravel or 2-track roads to where 0.07 miles of new road will be constructed. The 2-track and new road may need imported rocky borrow for a solid base.

The area is flat with little slope or changes in topography. No surface water, seeps or springs are known to exist.

Closest dwellings are more than 1 mile away.

### **Surface Use Plan**

#### **Current Surface Use**

Wildlife Habitat

#### **New Road**

<b>Miles</b>	<b>Well Pad</b>		<b>Src Const Material</b>	<b>Surface Formation</b>
0.07	<b>Width</b> 365	<b>Length</b> 400	Onsite	UNTA

**Ancillary Facilities** N

### **Waste Management Plan Adequate?** Y

### **Environmental Parameters**

**Affected Floodplains and/or Wetland** N

#### **Flora / Fauna**

Most of the area to be disturbed for the location is barren. Annual weeds primarily Russian thistle and annual mustard weed are present. The area is surrounded by big sagebrush.

Deer, elk, small mammals and birds.

#### **Soil Type and Characteristics**

Deep sandy loam.

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diversion Required** N



**Berm Required?** N

**Erosion Sedimentation Control Required?** N

**Paleo Survey Run?** N

**Paleo Potential Observed?** N

**Cultural Survey Run?** N

**Cultural Resources?**

**Reserve Pit**

**Site-Specific Factors**

**Site Ranking**

**Distance to Groundwater (feet)** 100 to 200

5

**Distance to Surface Water (feet)** >1000

0

**Dist. Nearest Municipal Well (ft)** >5280

0

**Distance to Other Wells (feet)** >1320

0

**Native Soil Type** Mod permeability

10

**Fluid Type** Fresh Water

5

**Drill Cuttings** Normal Rock

0

**Annual Precipitation (inches)** <10

0

**Affected Populations** <10

0

**Presence Nearby Utility Conduits** Not Present

0

**Final Score**

20

1

**Sensitivity Level**

**Characteristics / Requirements**

The reserve pit is planned on the south east corner of the location in an area of cut. Dimensions are 100' x 150' x 10 feet deep. A 15 foot bench is planned. Sensitivity Level 1. A liner is required. Wayne Garner of ElPaso said they commonly use a 20 mil liner.

**Closed Loop Mud Required?** N

**Liner Required?** Y

**Liner Thickness** 12

**Pit Underlayment Required?** Y

**Other Observations / Comments**

Mr. Ronnie W. Case (801-573-7663) was invited by phone to attend the presite visit. He called immediately before the presite and said he would not attend.

Floyd Bartlett

**Evaluator**

3/1/2007

**Date / Time**



Online Services

Agency List

Business

Google

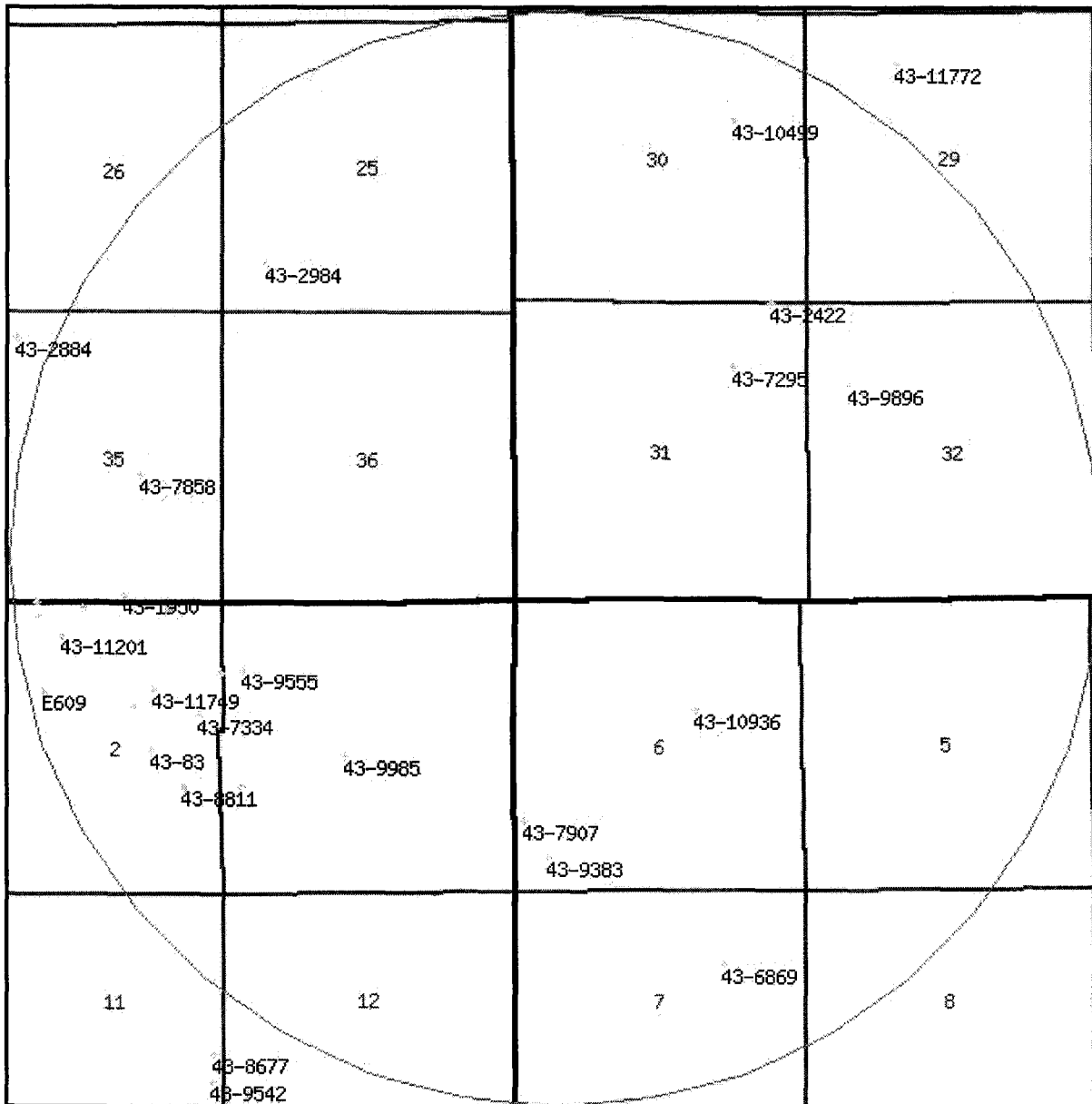
Search U

## Utah Division of Water Rights

## WRPLAT Program Output Listing

Version: 2007.03.02.01 Rundate: 03/05/2007 03:03 PM

Radius search of 10000 feet from a point N780 E780 from the SW corner, section 31, Township 2S,  
Range 4W, US b&m Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all



0 1300 2600 3900 5200 ft

**Water Rights**

<b>WR Number</b>	<b>Diversion Type/Location</b>	<b>Well Log</b>	<b>Status</b>	<b>Priority</b>	<b>Uses</b>	<b>CFS</b>	<b>ACFT</b>	<b>Owner</b>
<u>43-10499</u>	Underground S1950 W1320 NE 30 2S 4W US		A	19941125	DI	0.000	1.450	WILLIAM A. ROBERTS 243 S ESCONDIDO
<u>43-10936</u>	Underground N665 W1980 E4 06 3S 4W US		A	19990623	DIS	0.000	3.730	FREDERICK BARNES 500 NORTH 500 W
<u>43-11201</u>	Underground S590 W300 N4 02 3S 5W US	<u>well info</u>	A	20011109	DIS	0.000	3.730	RONALD E. & CO. BUCKLEY P.O. BOX 402
<u>43-11518</u>	Underground S250 W750 N4 02 3S 5W US		A	20040422	D	0.000	0.450	GARY STANLEY 12182 SOUTH 1430
<u>43-11519</u>	Underground S100 E50 N4 02 3S 5W US		A	20040422	D	0.000	0.450	LYNN STANLEY 6682 SOUTH CODY
<u>43-11520</u>	Underground S10 W770 N4 02 3S 5W US		A	20040422	D	0.000	0.450	VERN STANLEY 14390 S 1690 W
<u>43-11589</u>	Underground S1900 E1000 N4 02 3S 5W US	<u>well info</u>	A	20041110	DIS	0.000	1.730	JUSTIN AND TASHA P. O. BOX 92
<u>43-11749</u>	Underground S1610 E1370 N4 02 3S 5W US		A	20060327	DI	0.000	1.700	MARK AND BRENDA HC 63 BOX 34 A
<u>43-11755</u>	Underground S708 E300 W4 01 3S 5W US	<u>well info</u>	A	20060407	DIS	0.000	1.730	MICHAEL L. AND NEALLEY P. O. BOX 778
<u>43-11772</u>	Underground S900 E1660 NW 29 2S 4W US		A	20060530	DIS	0.000	1.730	BRENT AND TAMARA FARNSWORTH P.O. BOX 153
<u>43-11864</u>	Underground S1300 W50 NE 02 3S 5W US		U	20061227	DIS	0.000	1.730	KEITH AND SHIRLEY P.O. BOX 497
<u>43-1949</u>	Underground S140 W1020 NE 02 3S	<u>well info</u>	P	19350200	DS	0.000	0.560	STEVEN J. AND MARY ROBERTS P. O. BOX 929

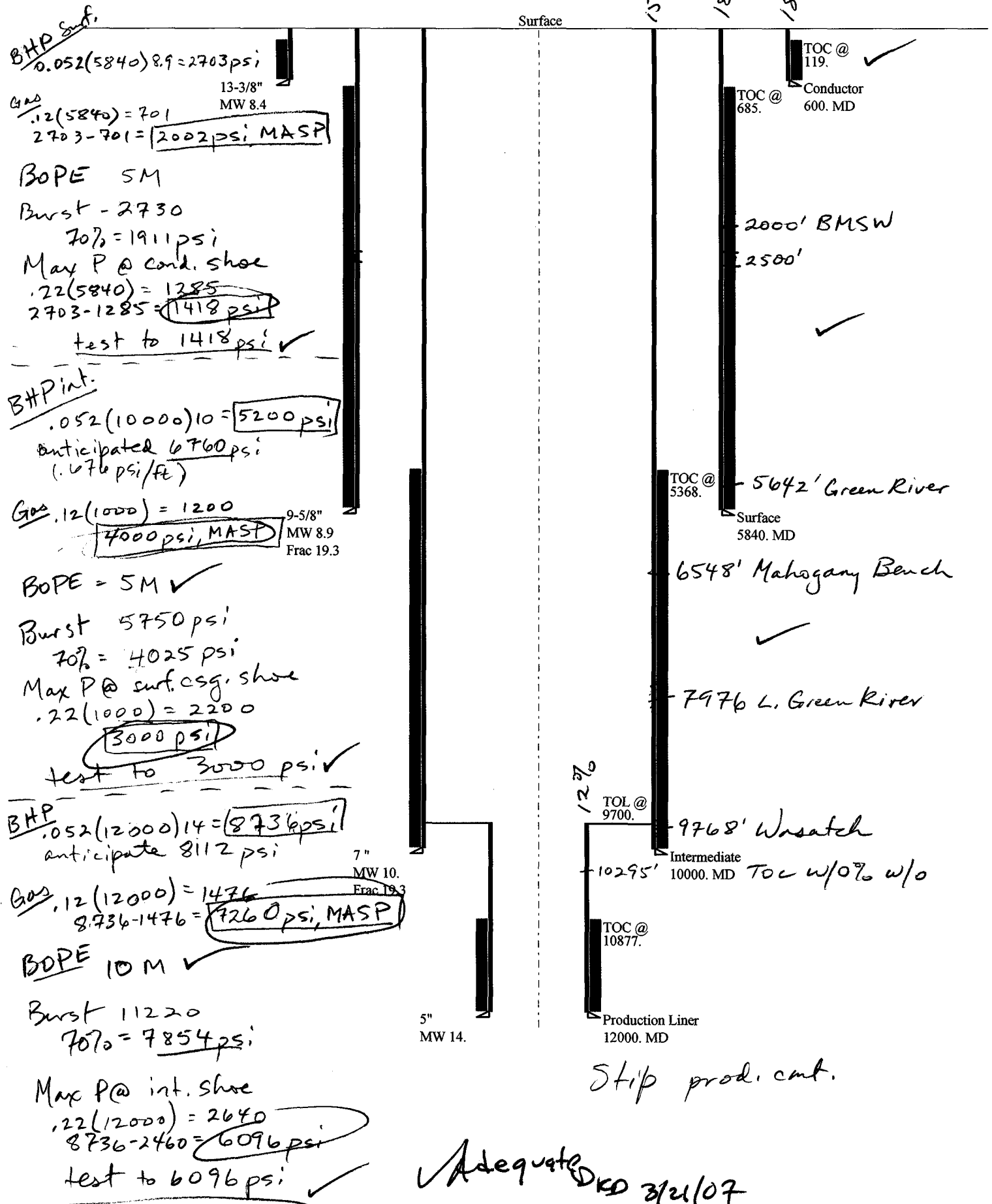
	5W US						
<u>43-1950</u>	Underground	<u>well info</u>	P	19320900 DS	0.044 0.000	FARSNWORTH FA	
	N124 W1803 SE 35 2S 5W US					FARRELL & JOLE FARNSWORTH, T	
<u>43-2422</u>	Underground	<u>well info</u>	P	19701013 S	0.015 0.000	GRANT W. AND L BLEAZARD	
	N10 W660 SE 30 2S 4W US					P.O. BOX 33	
<u>43-2884</u>	Underground	<u>well info</u>	P	19120000 DIS	0.030 0.000	GLEN L. AND ELN	
	S420 E1500 NW 35 2S 5W US					TABIONA UT 840	
<u>43-2984</u>	Underground	<u>well info</u>	P	19731026 DIS	0.030 0.000	HOWARD PRENTI	
	N886 E788 SW 25 2S 5W US					P.O.BOX 742	
<u>43-6869</u>	Underground	<u>well info</u>	P	19720406 O	0.015 10.950	GULF OIL CORPO	
	S1320 W1520 NE 07 3S 4W US					C/O PENNZOIL CC	
<u>43-7295</u>	Underground	<u>well info</u>	P	19721201 O	0.015 0.000	HUSKY OIL COMI	
	N1552 W1393 E4 31 2S 4W US					BOX 380	
<u>43-7334</u>	Underground		P	19730405 DIS	0.100 0.000	KENNETH L. WIL	
	S45 W1340 E4 02 3S 5W US					STAR ROUTE, BO	
<u>43-7334</u>	Underground	<u>well info</u>	P	19730405 DIS	0.100 0.000	KENNETH L. WIL	
	N600 W450 E4 02 3S 5W US					STAR ROUTE, BO	
<u>43-7858</u>	Underground	<u>well info</u>	P	19760426 DIS	0.015 0.000	LEO L. AND LARE	
	S320 W1500 E4 35 2S 5W US					DUCHESNE UT 84	
<u>43-7907</u>	Underground		P	1934 DI	0.015 0.000	VERL RAY AND I	
	N1290 E180 SW 06 3S 4W US					STAR ROUTE BO2	
<u>43-7908</u>	Underground	<u>well info</u>	P	1934 DI	0.015 0.000	VERL RAY AND I	
	S750 W725 E4 02 3S 5W US					STAR ROUTE BO2	
<u>43-83</u>	Underground		P	19330000 DOS	0.015 0.000	KENNETH L. WIL	
	S45 W1340 E4 02 3S					DUCHESNE UT 84	

	5W US						
<u>43-8471</u>	Underground	<u>well</u> <u>info</u>	P	19860314 DI	0.015 0.000	J. T. MORRISON	
	S1424 W990 N4 01 3S					P. O. BOX 27	
	5W US						
<u>43-8677</u>	Underground	<u>well</u> <u>info</u>	P	19830706 DI	0.015 0.000	STAN YOUNG	
	S260 W235 E4 11 3S					BOX 723	
	5W US						
<u>43-8811</u>	Underground		A	19800820 DIS	0.015 0.000	DALE WORKMAN	
	S700 W750 E4 02 3S					BOX L	
	5W US						
<u>43-8945</u>	Underground	<u>well</u> <u>info</u>	A	19810409 DIS	0.015 0.000	WILLIAM M. WAF	
	S1020 E400 W4 12 3S					P.O. BOX #531	
	5W US						
<u>43-9383</u>	Underground		P	19830526 DIS	0.015 0.000	BURTON BEACH/	
	N650 E620 SW 06 3S					GEN.DEL.	
	4W US						
<u>43-9542</u>	Underground	<u>well</u> <u>info</u>	P	19840420 DIS	0.015 0.000	JAMES D. AND AI	
	S760 W250 E4 11 3S					MARCELLIN	
	5W US					HC2 BOX 40-B	
<u>43-9555</u>	Underground		A	19840424 DIS	0.015 0.000	LEO L. BRADY	
	S1250 E350 NW 01 3S					RR#2, BOX 37,	
	5W US						
<u>43-9896</u>	Underground	<u>well</u> <u>info</u>	P	19970710 DO	0.000 0.500	DUCHESNE COUN	
	S1503 E773 NW 32 2S					BENCH LANDFIL	
	4W US					C/O MANAGER	
<u>43-9985</u>	Underground	<u>well</u> <u>info</u>	P	19870602 DIS	0.015 1.774	RALPH L. ANDER	
	S134 E2191 W4 01 3S					268 EAST 700 SOU	
	5W US						
<u>E609</u>	Underground		A	19730222 DI	0.000 1.000	E. ARTHUR HIGG	
	S1640 W660 N4 02 3S					P.O. BOX #668	
	5W US						

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## Casing Schematic

Surface



Well name:	<b>2007-03 El Paso Case 2-31B4</b>	
Operator:	<b>El Paso E &amp; P Company, L.P. c/o H&amp;B Consultants</b>	
String type:	<b>Conductor</b>	Project ID: 43-013-33548
Location:	<b>Duchesne County, Utah</b>	

**Design parameters:**
**Collapse**

Mud weight: 8.400 ppg  
Internal fluid density: 8.500 ppg

Surface pressure: 300 psi

**Burst**

Max anticipated surface pressure: 190 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP: 262 psi

No backup mud specified.

**Minimum design factors:**
**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 525 ft

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 73 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 119 ft

**Non-directional string.**

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	600	13.375	54.50	J-55	ST&C	600	600	12.49	520.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	297	1130	3.806	262	2730	10.43	29	514	17.95 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: (801) 538-5357  
FAX: (801) 359-3940

Date: March 19, 2007  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 600 ft, a mud weight of 8.4 ppg. An internal gradient of .442 psi/ft was used for collapse from TD to Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>2007-03 El Paso Case 2-31B4</b>	
Operator:	<b>El Paso E &amp; P Company, L.P. c/o H&amp;B Consultants</b>	
String type:	Surface	Project ID: 43-013-33548
Location:	Duchesne County, Utah	

**Design parameters:**
**Collapse**

Mud weight: 8.900 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**
**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 147 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 250 ft  
Cement top: 685 ft

**Burst**

Max anticipated surface pressure: 2,995 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 4,280 psi  
Annular backup: 8.33 ppg

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 5,067 ft

**Non-directional string.**
**Re subsequent strings:**

Next setting depth: 10,000 ft  
Next mud weight: 10.000 ppg  
Next setting BHP: 5,195 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 5,840 ft  
Injection pressure: 5,840 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	5840	9.625	40.00	N-80	LT&C	5840	5840	8.75	2486.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2700	3090	1.144	2995	5750	1.92	203	737	3.64 J

Prepared Helen Sadik-Macdonald  
by: Div of Oil, Gas & Minerals

Phone: (801) 538-5357  
FAX: (801) 359-3940

Date: March 20, 2007  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 5840 ft, a mud weight of 8.9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*



Well name:	<b>2007-03 El Paso Case 2-31B4</b>	
Operator:	<b>El Paso E &amp; P Company, L.P. c/o H&amp;B Consultants</b>	
String type:	Intermediate	Project ID: 43-013-33548
Location:	Duchesne County, Utah	

**Design parameters:**
**Collapse**

Mud weight: 10.000 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**
**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 205 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 5,658 ft

**Burst**

Max anticipated surface pressure: 6,239 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 8,439 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 8,486 ft

**Non-directional string.**
**Re subsequent strings:**

Next setting depth: 12,300 ft  
Next mud weight: 14.000 ppg  
Next setting BHP: 8,945 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 10,000 ft  
Injection pressure: 10,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	7	29.00	HCP-110	LT&C	10000	10000	6.059	2085.7

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5195	9200	1.771	8439	11220	1.33	246	797	3.24 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: (801) 538-5357  
FAX: (801) 359-3940

Date: March 8, 2007  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 10000 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes.  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:

**2007-03 El Paso Case 2-31B4**Operator: **El Paso E & P Company, L.P. c/o H&B Consultants**String type: **Production Liner**

Project ID:

43-013-33548

Location: **Duchesne County, Utah****Design parameters:****Collapse**

Mud weight: 14.000 ppg

Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 233 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Cement top: 10,878 ft

Liner top: 9,700 ft

**Non-directional string.****Burst**

Max anticipated surface pressure:

6,087 psi

Internal gradient: 0.220 psi/ft

Calculated BHP 8,727 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 11,510 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2300	5	18.00	P-110	LT&C	12000	12000	4.151	229.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	8727	13470	1.543	8727	13940	1.60	33	495	15.20 J

Prepared Helen Sadik-Macdonald  
by: Div of Oil, Gas & MineralsPhone: (801) 538-5357  
FAX: (801) 359-3940Date: March 19, 2007  
Salt Lake City, Utah**Remarks:**

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 12000 ft, a mud weight of 14 ppg. The Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>			5 MINERAL LEASE NO <b>FEE</b>	6 SURFACE <b>Fee</b>
1A TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>REENTER</b> <input type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>			7 IF INDIAN, ALLOTTEE OR TRIBE NAME	
B TYPE OF WELL <b>OIL</b> <input checked="" type="checkbox"/> <b>GAS</b> <input type="checkbox"/> <b>OTHER</b> _____ <b>SINGLE ZONE</b> <input checked="" type="checkbox"/> <b>MULTIPLE ZONE</b> <input type="checkbox"/>			8 UNIT or CA AGREEMENT NAME	
2 NAME OF OPERATOR <b>El Paso E&amp;P Company, L.P. c/o H&amp;B Petroleum Consultants</b>			9 WELL NAME and NUMBER <b>Case #2-31B4</b>	
3 ADDRESS OF OPERATOR <b>291 Daffodil                      Casper                      WY                      82604</b>			10 FIELD AND POOL OR WILDCAT <b>Altomont/BlueBell</b>	
4 LOCATION OF WELL (FOOTAGES)  AT SURFACE <b>780' FSL &amp; 780'FWL</b>  AT PROPOSED PRODUCING ZONE			11 QUAD/4R SECTION TOWNSHIP RANGE MERIDIAN <b>SWSW 31    T2S    R4W</b>	
14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE <b>7.6 miles North of Duchesne, Utah</b>			12 COUNTY <b>Duchesne</b> 13 STATE <b>UTAH</b>	
15 DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>780 feet</b>		16 NUMBER OF ACRES IN LEASE <b>684.76</b>		17 NUMBER OF ACRES ASSIGNED TO THIS WELL <b>640</b>
18 DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>4787 feet</b>		19 PROPOSED DEPTH <b>12,000</b>		20 BOND DESCRIPTION <b>400JU0708</b>
21 ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC) <b>6041 Ground</b>		22 APPROXIMATE DATE WORK WILL START <b>Upon Approval</b>		23 ESTIMATED DURATION <b>56 Days</b>

24 PROPOSED CASING AND CEMENTING PROGRAM						
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT	
17 1/2	13 3/8		54.5	600	Class G 565 SX	1.18cuft/sx    15.8 lb/gal
12 1/4	9 5/8"	N-80	40 lb	5,840	Lead:Class G 350 sx	3.9cuft/sx    11 lb/ga    Stage 1
					Tail:ClassG 110 sx	1.62cuft/sx    14.1lb/ga
					Lead ClassG 300sx	3.9cuft/sx    11 lb/ga    Stage 2
8 3/4	7"	HCP 110	29 lb	10,000	CemCrete 800sx	1.65 cuft/sx    12.49 lb/gal
7"	5"	P-110 Liner	18 lb	9700 - 12,000	ClassG 120sx	1.86 cuft/sx    14.5lb/gal

25 ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER  <input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN  <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Larry D. Brown                      TITLE Agent for El Paso E&P Company, L.P.

SIGNATURE *Larry D. Brown*                      DATE 2/19/07

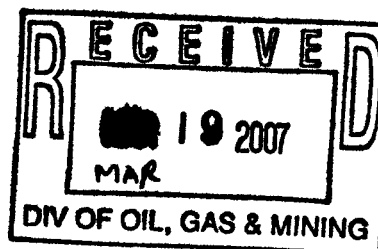
(This space for State use only)

API NUMBER ASSIGNED 43-013-33584  
**Approved by the**  
**Utah Division of**  
**Oil, Gas and Mining**

APPROVAL

(11/2001)

(See Instructions on Reverse Side)



Date: 03-21-07  
By: *[Signature]*



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

March 21, 2007

El Paso E & P Company, LP  
291 Daffodil  
Casper, WY 82604

Re: Case #2-31B4 Well, 780' FSL, 780' FWL, SW SW, Sec. 31, T. 2 South,  
R. 4 West, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33548.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor

Operator: El Paso E & P Company, LP  
Well Name & Number Case #2-31B4  
API Number: 43-013-33548  
Lease: Fee

Location: SW SW Sec. 31 T. 2 South R. 4 West

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office  
(801) 942-0873 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office  
(801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

#### 4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202	7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 291-6400	8. WELL NAME and NUMBER: CASE 2-31B4
	9. API NUMBER: 4301333504 48
	10. FIELD AND POOL, OR WILDCAT: ALTAMONT

4. LOCATION OF WELL FOOTAGES AT SURFACE: 780' FSL, 780' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 31 2S 4W	COUNTY: DUCHESNE STATE: UTAH
--	---------------------------------

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 6/7/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: NOTICE OF SPUD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

OPERATOR SPUD THE SUBJECT WELL ON 6/5/2007 AT 00:15 HRS. DRILLED 17 1/2' HOLE TO 626'. SET 13 3/8" K-55 ST&C CONDUCTOR @ 622'. 750 SX CMT (154 BBL, 1508 PPG, 1.15 YEILD) SET TO 622'.

RECEIVED

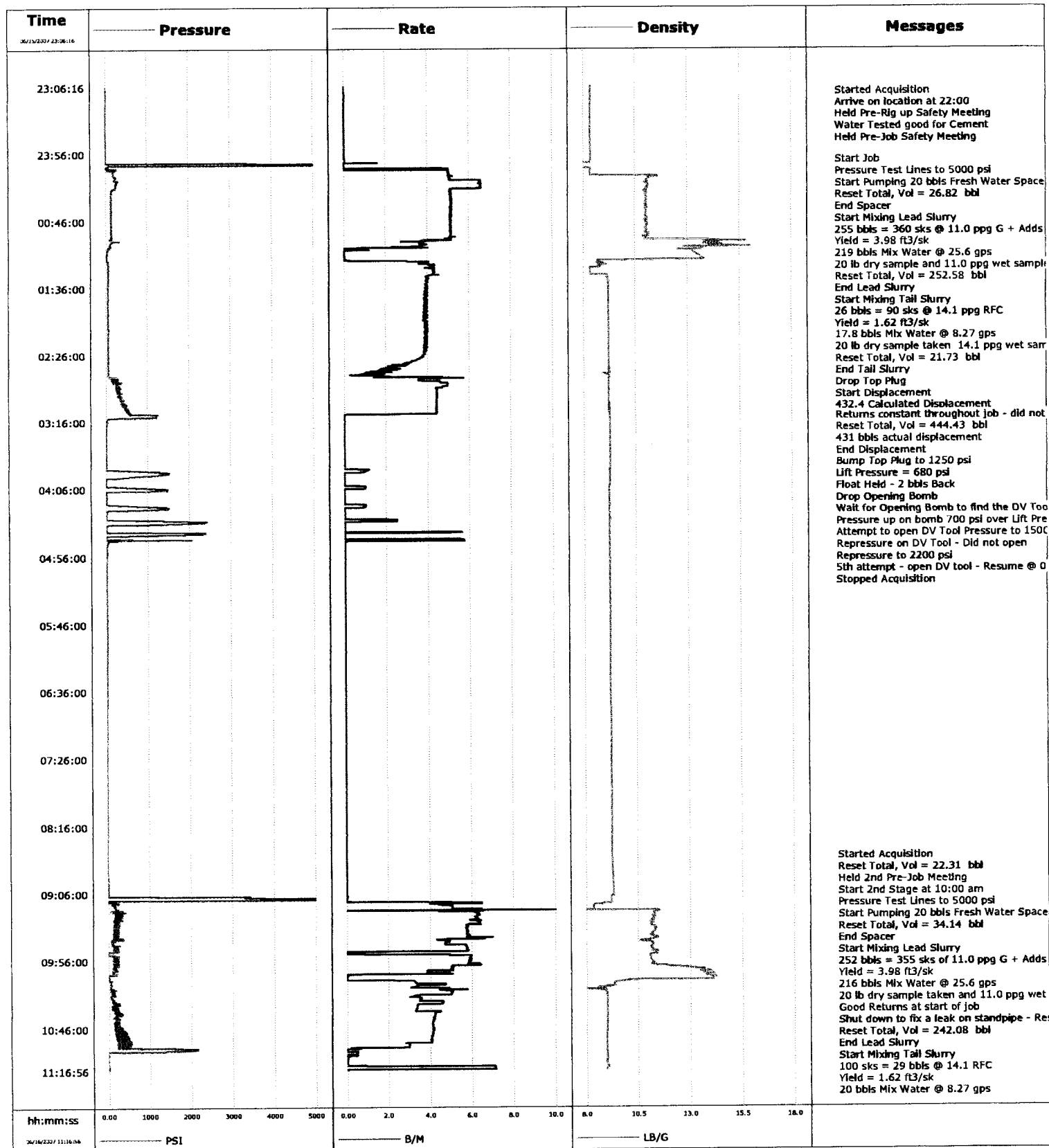
JUN 18 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) LISA PRETZ	TITLE ENGINEERING TECH
SIGNATURE 	DATE 6/14/2007

(This space for State use only)

<b>Well</b>	Case 2-31B4	<b>Client</b>	El Paso EP
<b>Field</b>	Bluebell - Altamont	<b>SIR No.</b>	
<b>Engineer</b>	Alison Reed	<b>Job Type</b>	9 5/8 Surface - 2 Stage
<b>Country</b>	United States	<b>Job Date</b>	06-15-2007





# Cementing Service Report

Customer EL PASO PRODUCTION OIL & GAS CO						Job Number 2206751565			
Well CASE 2-31B4			Location (legal)			Schlumberger Location Vernal, UT		Job Start 2007-Jun-16	
Field BLUEBELL-ALTAMONT		Formation Name/Type		Deviation °	Bit Size 12.3 in	Well MD 5,950 ft	Well TVD 5,950 ft		
County Duchesne		State/Province UT		BHP psi	BHST 130 °F	BHCT 110 °F	Pore Press. Gradient psi/ft		
Well Master: 0630907818		API / UWI:		Casing/Liner					
Rig Name FRONTIER 7	Drilled For Oil	Service Via		Depth, ft 5751	Size, in 9.63	Weight, lb/ft 40	Grade N80		
Offshore Zone	Well Class New	Well Type Exploration		300	13.38	54.5	Grade K55		
Drilling Fluid Type Bentonite		Max. Density 9.8 lb/gal	Plastic Viscosity cp	Tubing/Drill Pipe					
Service Line Cementing		Job Type Cem Surface Casing		Depth, ft	Size, in	Weight, lb/ft	Grade Thread		
Max. Allowed Tubing Pressure psi		Max. Allowed Ann. Pressure psi	Wellhead Connection 9 5/8 Cement Head	Perforations/Open Hole					
Service Instructions Cement into place 5751 ft of 9 5/8 surface casing. In 2 stages 1st stage Lead 360 sk HiLift 11.0 ppg, Tail 90 RFC, Second stage 355 sk HiLift Lead, 100 Sk RFC Tail. DV Tool @ 2511 feet.				Top, ft	Bottom, ft	spf	No. of Shots		
				Total Interval ft					
				Diameter in					
				Treat Down Casing	Displacement 432.4 bbl	Packer Type	Packer Depth ft		
				Tubing Vol. bbl	Casing Vol. 432.4 bbl	Annular Vol. bbl	Open Hole Vol. bbl		
Casing/Tubing Secured <input checked="" type="checkbox"/> 1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>				Casing Tools		Squeeze Job			
Lift Pressure: 680 psi				Shoe Type: Float		Squeeze Type			
Pipe Rotated <input type="checkbox"/> Pipe Reciprocated <input checked="" type="checkbox"/>				Shoe Depth: 5751 ft		Tool Type:			
No. Centralizers: Top Plugs: 0 Bottom Plugs: 0				Stage Tool Type: DV		Tool Depth: ft			
Cement Head Type: Single				Stage Tool Depth: 2511 ft		Tail Pipe Size: in			
Job Scheduled For: 2007-Jun-15 22:00 2007-Jun-16 13:30				Collar Type: Float		Tail Pipe Depth: ft			
				Collar Depth: 5704 ft		Sqz Total Vol: bbl			
Date	Time	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	Message
2007-Jun-15	23:06	0	0.0	8.36	0.0	0	0	0	
2007-Jun-15	23:10					0	0	0	Started Acquisition
2007-Jun-15	23:10	1	0.0	8.36	0.0	0	0	0	
2007-Jun-15	23:10								Arrive on location at 22:00
2007-Jun-15	23:10								Held Pre-Rig up Safety Meeting
2007-Jun-15	23:10								Water Tested good for Cement
2007-Jun-15	23:10	1	0.0	8.36	0.0	0	0	0	
2007-Jun-15	23:10								Held Pre-Job Safety Meeting
2007-Jun-16	0:00								
2007-Jun-16	0:01	1	0.1	8.36	0.1	0	0	0	
2007-Jun-16	0:01								Start Job
2007-Jun-16	0:03	3610	0.0	0.01	0.3	0	0	0	
2007-Jun-16	0:04	5940	0.0	0.03	0.3	0	0	0	
2007-Jun-16	0:04								Pressure Test Lines to 5000 psi
2007-Jun-16	0:06	11	0.0	0.02	0.3	0	0	0	
2007-Jun-16	0:06								Start Pumping 20 bbls Fresh Water Spacer
2007-Jun-16	0:07	119	4.2	8.26	1.0	0	0	0	
2007-Jun-16	0:10	195	5.0	8.35	16.8	0	0	0	
2007-Jun-16	0:12	197	5.2	10.53	26.8	0	0	0	
2007-Jun-16	0:12								Reset Total, Vol = 26.82 bbl
2007-Jun-16	0:12	194	5.2	10.97	26.9	0	0	0	



Well		Field		Service Date		Customer			Job Number
CASE #2-31B4		BLUEBELL-ALTAMONT		07167-Jun-16		EL PASO PRODUCTION OIL & GAS CO			2206751565
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2007-Jun-16	0:12								End Spacer
2007-Jun-16	0:12								Start Mixing Lead Slurry
2007-Jun-16	0:12	203	5.2	11.32	27.1	0	0	0	
2007-Jun-16	0:13	220	5.1	11.41	27.2	0	0	0	
2007-Jun-16	0:13								255 bbls = 360 sks @ 11.0 ppg G + Adds
2007-Jun-16	0:13	226	5.1	11.41	27.3	0	0	0	
2007-Jun-16	0:13								Yield = 3.98 ft3/sk
2007-Jun-16	0:13								219 bbls Mix Water @ 25.6 gps
2007-Jun-16	0:13	226	5.1	11.43	27.4	0	0	0	
2007-Jun-16	0:13								20 lb dry sample and 11.0 ppg wet sample taken
2007-Jun-16	0:14	220	5.1	11.15	35.4	0	0	0	
2007-Jun-16	0:18	250	6.5	11.00	57.4	0	0	0	
2007-Jun-16	0:21	208	6.4	11.04	81.5	0	0	0	
2007-Jun-16	0:25	133	5.1	10.96	100.7	0	0	0	
2007-Jun-16	0:29	137	5.2	11.02	119.5	0	0	0	
2007-Jun-16	0:32	134	5.2	11.02	138.5	0	0	0	
2007-Jun-16	0:36	144	5.2	11.07	157.4	0	0	0	
2007-Jun-16	0:40	139	5.1	11.02	176.3	0	0	0	
2007-Jun-16	0:44	141	5.2	11.08	195.2	0	0	0	
2007-Jun-16	0:47	139	5.1	11.04	214.0	0	0	0	
2007-Jun-16	0:51	135	5.1	11.01	232.8	0	0	0	
2007-Jun-16	0:55	134	5.1	10.98	251.7	0	0	0	
2007-Jun-16	0:58	136	5.1	11.01	270.6	0	0	0	
2007-Jun-16	1:00	192	4.4	14.03	279.4	0	0	0	
2007-Jun-16	1:00								Reset Total, Vol = 252.58 bbl
2007-Jun-16	1:00								End Lead Slurry
2007-Jun-16	1:00	169	4.3	14.05	279.5	0	0	0	
2007-Jun-16	1:00								Start Mixing Tail Slurry
2007-Jun-16	1:00	165	4.3	14.05	279.6	0	0	0	
2007-Jun-16	1:02	115	3.6	14.09	286.6	0	0	0	
2007-Jun-16	1:05	124	3.7	14.81	296.5	0	0	0	
2007-Jun-16	1:05								26 bbls = 90 sks @ 14.1 ppg RFC
2007-Jun-16	1:06	97	3.8	13.21	299.5	0	0	0	
2007-Jun-16	1:06								Yield = 1.62 ft3/sk
2007-Jun-16	1:06	98	3.9	13.30	299.7	0	0	0	
2007-Jun-16	1:06	62	0.4	13.78	300.5	0	0	0	
2007-Jun-16	1:06								17.8 bbls Mix Water @ 8.27 gps
2007-Jun-16	1:06	56	0.0	13.75	300.6	0	0	0	
2007-Jun-16	1:06								20 lb dry sample taken & 14.1 ppg wet sample taken
2007-Jun-16	1:07	45	0.2	13.12	301.1	0	0	0	
2007-Jun-16	1:07								Reset Total, Vol = 21.73 bbl
2007-Jun-16	1:07	45	0.1	13.22	301.1	0	0	0	
2007-Jun-16	1:07								End Tail Slurry
2007-Jun-16	1:09	35	0.0	13.30	301.1	0	0	0	
2007-Jun-16	1:13	28	0.0	13.64	301.2	0	0	0	
2007-Jun-16	1:14								Drop Top Plug
2007-Jun-16	1:14	27	0.1	13.72	301.2	0	0	0	
2007-Jun-16	1:17	60	3.6	8.67	304.9	0	0	0	
2007-Jun-16	1:20	87	4.3	8.77	319.6	0	0	0	
2007-Jun-16	1:24	63	4.4	8.36	333.7	0	0	0	
2007-Jun-16	1:24								Start Displacement

Well		Field		Service Date		Customer			Job Number
CASE #2-31B4		BLUEBELL-ALTAMONT		07167-Jun-16		EL PASO PRODUCTION OIL & GAS CO			2206751565
Date	Time	Tramming Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2007-Jun-16	1:24	63	4.3	8.36	335.3	0	0	0	
2007-Jun-16	1:28	68	3.9	9.14	350.7	0	0	0	
2007-Jun-16	1:31	68	4.0	9.22	365.3	0	0	0	
2007-Jun-16	1:35	68	4.0	9.23	379.9	0	0	0	
2007-Jun-16	1:39	66	3.9	9.23	394.3	0	0	0	
2007-Jun-16	1:42	67	3.9	9.23	408.7	0	0	0	
2007-Jun-16	1:46	66	3.9	9.23	423.2	0	0	0	
2007-Jun-16	1:50	66	4.0	9.23	437.5	0	0	0	
2007-Jun-16	1:53	65	3.9	9.23	451.9	0	0	0	
2007-Jun-16	1:57	65	3.8	9.23	466.3	0	0	0	
2007-Jun-16	2:00	65	3.8	9.23	476.2	0	0	0	
2007-Jun-16	2:00								432.4 Calculated Displacement
2007-Jun-16	2:01	66	4.0	9.23	480.5	0	0	0	
2007-Jun-16	2:04	65	4.0	9.23	495.0	0	0	0	
2007-Jun-16	2:08	65	3.9	9.23	509.5	0	0	0	
2007-Jun-16	2:12	64	4.0	9.23	523.9	0	0	0	
2007-Jun-16	2:15	64	4.0	9.23	538.2	0	0	0	
2007-Jun-16	2:19	65	3.9	9.23	552.7	0	0	0	
2007-Jun-16	2:23	64	3.8	9.23	566.9	0	0	0	
2007-Jun-16	2:26	64	3.7	9.23	581.0	0	0	0	
2007-Jun-16	2:30	66	3.4	9.23	594.3	0	0	0	
2007-Jun-16	2:34	66	2.9	9.23	605.4	0	0	0	
2007-Jun-16	2:37	67	1.8	9.23	613.8	0	0	0	
2007-Jun-16	2:41	63	0.7	9.16	619.2	0	0	0	
2007-Jun-16	2:45	201	3.6	9.23	631.4	0	0	0	
2007-Jun-16	2:48	314	4.9	9.24	648.6	0	0	0	
2007-Jun-16	2:52	329	4.4	9.24	665.6	0	0	0	
2007-Jun-16	2:56	329	4.4	9.24	681.9	0	0	0	
2007-Jun-16	2:59	352	4.4	9.24	698.2	0	0	0	
2007-Jun-16	3:03	445	4.4	9.24	714.5	0	0	0	
2007-Jun-16	3:07	521	4.4	9.24	730.7	0	0	0	
2007-Jun-16	3:10	1226	0.0	9.24	745.5	0	0	0	
2007-Jun-16	3:12	1219	0.0	9.24	745.5	0	0	0	
2007-Jun-16	3:12								Returns constant throughout job - did not cease
2007-Jun-16	3:13								Reset Total, Vol = 444.43 bbl
2007-Jun-16	3:13	32	0.0	9.24	745.5	0	0	0	
2007-Jun-16	3:14	31	0.0	9.24	745.5	0	0	0	
2007-Jun-16	3:14								431 bbls actual displacement
2007-Jun-16	3:14	28	0.0	9.24	745.5	0	0	0	
2007-Jun-16	3:15								End Displacement
2007-Jun-16	3:15	26	0.0	9.24	745.5	0	0	0	
2007-Jun-16	3:18	11	0.0	9.24	745.5	0	0	0	
2007-Jun-16	3:20	8	0.0	9.24	745.5	0	0	0	
2007-Jun-16	3:20								Bump Top Plug to 1250 psi
2007-Jun-16	3:20								Float Held - 2 bbls Back
2007-Jun-16	3:20								Lift Pressure = 680 psi
2007-Jun-16	3:20	8	0.0	9.24	745.5	0	0	0	
2007-Jun-16	3:20								Drop Opening Bomb
2007-Jun-16	3:21	7	0.0	9.24	745.5	0	0	0	
2007-Jun-16	3:25	5	0.0	9.24	745.5	0	0	0	
2007-Jun-16	3:29	4	0.0	9.24	745.5	0	0	0	
2007-Jun-16	3:32	4	0.0	9.25	745.5	0	0	0	

Well		Field		Service Date		Customer			Job Number
CASE #2-31B4		BLUEBELL-ALTAMONT		07167-Jun-16		EL PASO PRODUCTION OIL & GAS CO			2206751565
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2007-Jun-16	3:34								Wait for Opening Bomb to find the DV Tool
2007-Jun-16	3:34	4	0.0	9.25	745.5	0	0	0	
2007-Jun-16	3:34								Pressure up on bomb 700 psi over Lift Pressure = 1500 psi
2007-Jun-16	3:34	4	0.0	9.25	745.5	0	0	0	
2007-Jun-16	3:51	0	0.0	9.25	745.5	0	0	0	
2007-Jun-16	3:54	1475	0.0	9.24	748.0	0	0	0	
2007-Jun-16	3:58	10	0.0	9.24	748.0	0	0	0	
2007-Jun-16	3:59	9	0.0	9.24	748.0	0	0	0	
2007-Jun-16	3:59								Attempt to open DV Tool Pressure to 1500 psi
2007-Jun-16	4:02	5	0.0	9.24	748.0	0	0	0	
2007-Jun-16	4:05	1098	1.0	9.23	749.7	0	0	0	
2007-Jun-16	4:09	19	0.0	9.23	750.3	0	0	0	
2007-Jun-16	4:13	18	0.0	9.23	750.3	0	0	0	
2007-Jun-16	4:15								Repressure on DV Tool - Did not open
2007-Jun-16	4:15	17	0.0	9.23	750.3	0	0	0	
2007-Jun-16	4:16	17	0.0	9.23	750.3	0	0	0	
2007-Jun-16	4:20	1489	0.0	9.23	752.6	0	0	0	
2007-Jun-16	4:24	1	0.0	9.23	752.6	0	0	0	
2007-Jun-16	4:27	-0	0.0	9.23	752.6	0	0	0	
2007-Jun-16	4:31	2096	0.0	9.22	756.4	0	0	0	
2007-Jun-16	4:31								Repressure to 2200 psi
2007-Jun-16	4:31	2016	0.0	9.22	756.4	0	0	0	
2007-Jun-16	4:35	4	0.0	9.22	756.4	0	0	0	
2007-Jun-16	4:38	2332	0.1	9.22	760.0	0	0	0	
2007-Jun-16	4:42	9	0.0	9.22	760.0	0	0	0	
2007-Jun-16	4:46	30	0.0	9.22	767.9	0	0	0	
2007-Jun-16	4:49	10	0.0	9.22	767.9	0	0	0	
2007-Jun-16	4:53	11	0.0	9.22	767.9	0	0	0	
2007-Jun-16	4:56	9	0.0	9.22	767.9	0	0	0	
2007-Jun-16	4:56								5th attempt - open DV tool - Resume @ 09:30 am
2007-Jun-16	4:57								Stopped Acquisition
2007-Jun-16	4:57	8	0.0	9.22	767.9	0	0	0	
2007-Jun-16	8:38								Started Acquisition
2007-Jun-16	8:38	-3	0.0	9.26	767.9	0	0	0	
2007-Jun-16	8:38								Reset Total, Vol = 22.31 bbl
2007-Jun-16	8:38	-3	0.0	9.26	767.9	0	0	0	
2007-Jun-16	8:38	-3	0.0	9.26	767.9	0	0	0	
2007-Jun-16	8:39	-3	0.0	9.26	767.9	0	0	0	
2007-Jun-16	8:39								Start 2nd Stage at 10:00 am
2007-Jun-16	8:39								Held 2nd Pre-Job Meeting
2007-Jun-16	9:10	5901	0.0	9.23	767.9	0	0	0	
2007-Jun-16	9:10								Pressure Test Lines to 5000 psi
2007-Jun-16	9:11	5836	0.0	9.23	767.9	0	0	0	
2007-Jun-16	9:12								Start Pumping 20 bbls Fresh Water Spacer
2007-Jun-16	9:12	100	1.6	9.23	768.0	0	0	0	
2007-Jun-16	9:14	148	4.5	8.56	779.0	0	0	0	
2007-Jun-16	9:18	249	6.5	8.37	798.3	0	0	0	
2007-Jun-16	9:19	269	0.0	11.31	802.0	0	0	0	
2007-Jun-16	9:19								Reset Total, Vol = 34.14 bbl

Well		Field		Service Date		Customer			Job Number
CASE #2-31B4		BLUEBELL-ALTAMONT		07167-Jun-16		EL PASO PRODUCTION OIL & GAS CO			2206751565
Date	Time	Tramming Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	0	0	0	
2007-Jun-16	9:19	328	6.5	11.33	803.3	0	0	0	
2007-Jun-16	9:19								End Spacer
2007-Jun-16	9:19	328	6.4	11.34	803.5	0	0	0	
2007-Jun-16	9:19								Start Mixing Lead Slurry
2007-Jun-16	9:19	207	6.3	11.42	804.3	0	0	0	
2007-Jun-16	9:19								252 bbls = 355 sks of 11.0 ppg G + Adds
2007-Jun-16	9:19								216 bbls Mix Water @ 25.6 gps
2007-Jun-16	9:19								Yield = 3.98 ft3/sk
2007-Jun-16	9:19								20 lb dry sample taken and 11.0 ppg wet sample taken
2007-Jun-16	9:19	286	6.3	11.44	804.4	0	0	0	
2007-Jun-16	9:21								Good Returns at start of job
2007-Jun-16	9:21	199	6.3	11.20	814.0	0	0	0	
2007-Jun-16	9:22	181	6.3	11.27	820.0	0	0	0	
2007-Jun-16	9:25	169	6.1	11.21	842.9	0	0	0	
2007-Jun-16	9:29	119	6.1	11.07	866.1	0	0	0	
2007-Jun-16	9:33	130	5.8	11.35	887.1	0	0	0	
2007-Jun-16	9:36	141	5.8	11.20	908.3	0	0	0	
2007-Jun-16	9:40	113	4.6	11.21	931.1	0	0	0	
2007-Jun-16	9:44	91	4.7	11.22	948.5	0	0	0	
2007-Jun-16	9:47	186	5.8	11.17	969.3	0	0	0	
2007-Jun-16	9:51	72	2.7	11.21	979.6	0	0	0	
2007-Jun-16	9:51								Shut down to fix a leak on standpipe - Resume pumping
2007-Jun-16	9:51	139	4.5	11.18	980.0	0	0	0	
2007-Jun-16	9:55	135	5.9	11.10	1000.4	0	0	0	
2007-Jun-16	9:58	204	6.4	11.20	1022.3	0	0	0	
2007-Jun-16	10:02	142	5.0	13.26	1042.1	0	0	0	
2007-Jun-16	10:02								Reset Total, Vol = 242.08 bbl
2007-Jun-16	10:02	138	5.0	13.64	1044.1	0	0	0	
2007-Jun-16	10:03	154	5.0	13.61	1045.9	0	0	0	
2007-Jun-16	10:03								End Lead Slurry
2007-Jun-16	10:03								Start Mixing Tail Slurry
2007-Jun-16	10:03	167	5.0	13.61	1046.0	0	0	0	
2007-Jun-16	10:05								100 sks = 29 bbls @ 14.1 RFC
2007-Jun-16	10:05	96	3.9	13.77	1053.1	0	0	0	
2007-Jun-16	10:06								Yield = 1.62 ft3/sk
2007-Jun-16	10:06	153	5.0	13.69	1057.5	0	0	0	
2007-Jun-16	10:06								20 bbls Mix Water @ 8.27 gps
2007-Jun-16	10:06	141	5.1	13.71	1058.0	0	0	0	
2007-Jun-16	10:06	131	5.0	13.73	1058.4	0	0	0	
2007-Jun-16	10:06								20 lb dry and 14.0 wet sample taken
2007-Jun-16	10:06								Reset Total, Vol = 14.69 bbl
2007-Jun-16	10:06	9	0.0	14.10	1058.8	0	0	0	
2007-Jun-16	10:06								End Tail Slurry
2007-Jun-16	10:06	8	0.0	14.11	1058.8	0	0	0	
2007-Jun-16	10:06								Drop Top Plug
2007-Jun-16	10:06	7	0.0	14.11	1058.8	0	0	0	
2007-Jun-16	10:06								Start Displacement
2007-Jun-16	10:06	7	0.0	14.12	1058.8	0	0	0	
2007-Jun-16	10:09	14	0.0	14.07	1058.8	0	0	0	
2007-Jun-16	10:10								190 bbls calculated displacement

Well		Field		Service Date		Customer			Job Number	
CASE #2-31B4		BLUEBELL-ALTAMONT		07167-Jun-16		EL PASO PRODUCTION OIL & GAS CO			2206751565	
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message	
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	0	0	0		
2007-Jun-16	10:10	14	0.0	14.07	1058.8	0	0	0		
2007-Jun-16	10:13	67	4.7	9.34	1068.6	0	0	0		
2007-Jun-16	10:17	118	4.9	8.83	1082.6	0	0	0		
2007-Jun-16	10:20	90	5.0	9.00	1100.7	0	0	0		
2007-Jun-16	10:24	104	3.5	9.01	1113.8	0	0	0		
2007-Jun-16	10:28	273	4.5	9.01	1128.9	0	0	0		
2007-Jun-16	10:29								Good Cement back to surface - 130 bbls back total	
2007-Jun-16	10:29	173	3.4	9.01	1131.9	0	0	0		
2007-Jun-16	10:31	193	3.3	9.01	1141.3	0	0	0		
2007-Jun-16	10:35	190	4.2	9.01	1155.4	0	0	0		
2007-Jun-16	10:39	215	4.2	9.00	1170.7	0	0	0		
2007-Jun-16	10:42	215	4.1	9.00	1185.9	0	0	0		
2007-Jun-16	10:46	181	4.1	9.00	1201.0	0	0	0		
2007-Jun-16	10:50	188	4.1	9.00	1216.2	0	0	0		
2007-Jun-16	10:53	466	4.1	9.00	1231.2	0	0	0		
2007-Jun-16	10:57	237	3.0	8.99	1245.1	0	0	0		
2007-Jun-16	11:01	2142	0.6	8.98	1254.0	0	0	0		
2007-Jun-16	11:04	-1	0.5	9.00	1254.9	0	0	0		
2007-Jun-16	11:06								Bump Top Plug to 2200 psi	
2007-Jun-16	11:06	-2	0.0	9.00	1255.5	0	0	0		
2007-Jun-16	11:06								End Displacement @ 183.5 bbls	
2007-Jun-16	11:06	-2	0.0	9.00	1255.5	0	0	0		
2007-Jun-16	11:08	-2	0.0	9.00	1255.5	0	0	0		
2007-Jun-16	11:12	-1	0.0	9.00	1255.5	0	0	0		
2007-Jun-16	11:15	7	7.1	9.00	1269.0	0	0	0		
2007-Jun-16	11:16								Job Complete	
2007-Jun-16	11:16								Rig Down - Wait to see if Topout is Needed	
2007-Jun-16	11:16								Good Returns throughout Both Stages	
2007-Jun-16	11:16								Float Held - 1.5 bbls back	
2007-Jun-16	11:16								Cement Stayed	
2007-Jun-16	11:16	-2	0.0	8.98	1271.5	0	0	0		
<b>Post Job Summary</b>										
Average Pump Rates, bpm					Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2		
4.7		0	0	6.5	565	431	26			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Volume			Density		
5600		88	1250		bbl			lb/gal		
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Circulated to Surface?			Volume 123.5 bbl		
%	562 bbl		431 bbl	87 °F	<input type="checkbox"/> Washed Thru Perfs To			ft		
Customer or Authorized Representative				Schlumberger Supervisor				<input type="checkbox"/> CirculationLost <input checked="" type="checkbox"/> Job Completed		
Darnell, Dan				Reed, Alison						

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: El Paso E&P Company, L.P.  
Address: 1099 18th Street, Suite 1900  
city Denver  
state CO zip 80202

Operator Account Number: N 3065

Phone Number: (303) 291-6400

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301333548	Case 2-31B4		SWSW	31	2S	4W	DUCHESE
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	16225	6/5/2007			7/23/07	
Comments: <u>WSTC</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

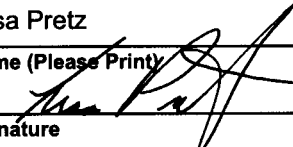
**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

**RECEIVED**  
**JUL 02 2007**

Lisa Pretz  
Name (Please Print) \_\_\_\_\_  
Signature   
Engineering Tech \_\_\_\_\_  
Title \_\_\_\_\_ Date 6/28/2007



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

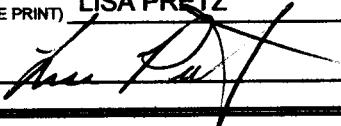
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 291-6400		8. WELL NAME and NUMBER: CASE 2-31B4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 780' FSL, 780' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 31 2S 4W		9. API NUMBER: 48 4301333584
		10. FIELD AND POOL, OR WILDCAT: ALTAMONT
		COUNTY: DUCHESNE STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Drilling
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

OPERATOR PERFORMED THE FOLLOWING ON THE SUBJECT WELL BETWEEN 6/18/2007 AND 7/20/2007:

PLEASE SEE ATTACHED.

NAME (PLEASE PRINT) LISA PRETZ	TITLE ENGINEERING TECH
SIGNATURE 	DATE 7/20/2007

(This space for State use only)

RECORDED

JUL 31 2007

DIV OF OIL, GAS & MINING

**CASE 2-31B4 DAILY DRILLING**  
**4301333584**

(6/19/2007) TEST BOP,HIGH 5000 PSI, LOW 250 PSI, HYDRILL 2500 PSI,CSG 1500 PSI, INSTALL WEAR BUSHING,STRAP AND PICTURE TOOL'S,M/U NEW BHA 8 3/4 MILL TOO H AND 18 DC'S. CLEAN OUT DV TOOL @ 2511'

(6/18/07) C/O FLOAT COLLAR AND CMT TO 5693'. TEST CASING TO 1500 PSI. ( TEST GOOD ). C/O CMT,SHOE @ 5732 T/ 5756 AND DRILL T/ 5760'. RIG UP SCHLUMBERGER AND PREFORM FIT TEST,@ A 1/4 BBL A MIN PUMP UP TO 1258 PSI = 13.0 PPG. DRILL 8 3/4" HOLE F/ 5760 T/ 7227'

(6/21/07) CHANGE BIT # 7 AND RIH T/SHOE @ 5751, FILL PIPE @ 2500 AND SHOE

(6/22/07) TELEDRIFT SURVEY @ 7799--- 3 deg SERVICE RIG  
DRILL 8 3/4" HOLE F/ 7797 T/ 8053 ( TELEDRIFT SURVEY @ 7862--- 2.5 deg)

(6/23/07) SURVEY W/ TELEDRIFT 8467 --- 3.5 deg RUN WIRE LINE SURVEY @ 8467--- 6.85 deg

(6/24/07) RUN WIRE LINE SURVEY @ 8658---4.56 deg. DRILL 8 3/4" HOLE F/ 8658 T/ 8808'

(6/25/07) MIX & PUMP BAR PILL - P.O.O.H. STRAP 2 3/8" TUBING = 1,276.31' - RIG UP FLOOR TO RUN TUBING - PICKUP & R.I.H. -

(6/26/07) PUMP 3.9 BBL WATER SPACER, 16.1 BBL WASH, 6.4 BBL SPACER, 355 sks CLASS "G" + ADD @ 13.4 PPG TOTAL 113.8 BBL SLURRY 1.80 YIELD & 9.625 gal/sk MIX WATER & 120.7 BBLS MUD DISPLACEMENT.

(6/27/07) R.I.H. - TAGGED CEMENT @ 7240' - DRILL CEMENT FROM 7240' TO 7530'

(6/28/07) RIH AND TAG CMT @ 7500'.

(6/29/07) PUMPED 5.18 SPACER, 20.16 WASH & SPACER, 535 SKS "G" + ADS @ 17.5 PPG YIELD = 3.46 WATER=3.46 GALS/SK TOTAL VOLUME = 90.5, 6.3 SPACER & 105 BBLS MUD DISPLACEMENT. POOH TO CSG SHOE. PICKUP 8 3/4" TRI-CONE BIT - R.I.H. TO CLEAN OUT CEMENT - SLM RIH AND TAG CMT @ 6354'.

(7/1/2007) TIME DRILL FROM 7009' TO 7023'.

(7/2/07) ROTATE/ SLIDE/ SURVEY DRILL FROM 7023' - 9860'.

(7/10/07) POOH. RIG UP BAKER ATLAS WIRE LINE UNIT AND RUN LOGS.

(7/12/07) RUN 177 JTS OF 7" P-110, 29# CSG. LAND CSG AT 9720'.

(7/14/07) W/ WEATHERFORD WIRE LINE SET CMT RETAINER @ 9664' AND POOH. SET CSG SLIPS W/ 320000 WT. PU 3-1/2' DRILL PIPE.

(7/16/07) PUMP 30 BBLS H2O AHEAD MIX AND PUMP 150 SX @ 17.5 PPG CLASS G CEMENT = 25 BBLS W/ 10 BBLS H2O BEHIND AND DISPLACE 30 BBLS MUD, STOP AND INTO RETAINER, CLOSE HYDRILL

(7/17/07) RIG UP WEATHERFORD WIRE LINE UNIT AND RIH W/ CBL, @ 15:30 RUN BOND LOG F/ 9650 T/ 8550 AND POOH, ON WIRE LINE RUN 2' GUN W/ 8 SHOT 360 deg AND SHOOT PERFORATIONS @ 9210. SET CMT RETAINER @ 9170'. M/U BAKER STABIN AND RIH TO 8952'.

(7/18/07) PUMP 20 BBLS H2O AHEAD W/ 51 BBLS CLASS G CMT @ 15.8 ppg ( STOP ) STING INTO RETAINER, CLOSE. SQUEEZE JOB W/ 10 BBLS H2O AND 58 BBLS DISPLACEMENT, SHUT DOWN W/ 8 BBLS LEFT AND STAGE, PUMPING A BBL A MIN EVERY 5 T/ 10 MIN, FINAL PRESSURE 1500 PSI, STOP PUMPING IT WOULD BLEED DOWN T/ 1300 PSI AND HOLD. WOC.

## NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

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As of the mailing of this notice, the division has not received the required reports for

Operator: El Paso E&P Company, LP Today's Date: 11/27/2007

Well:	API Number:	Drilling Commenced:
Case 2-31B4 drlg rpts/wcr	4301333548	06/05/2007

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File  
Compliance File

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		7. UNIT or CA AGREEMENT NAME N/A
3. ADDRESS OF OPERATOR: 1099 18TH ST, Ste 1900 CITY DENVER STATE CO ZIP 80202		8. WELL NAME and NUMBER: CASE 2-31B4
PHONE NUMBER: (303) 291-6444		9. API NUMBER: 4301333584 49
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 780' FSL, 780' FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: SAME AT TOTAL DEPTH: SAME		10. FIELD AND POOL, OR WILDCAT ALTAMONT
		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 31 2S 4W
		12. COUNTY DUCHESNE
		13. STATE UTAH

14. DATE SPURRED: 6/5/2007	15. DATE T.D. REACHED: 8/2/2007	16. DATE COMPLETED: 8/6/2007	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 6041' GL
18. TOTAL DEPTH: MD 12,054 TVD 12,054	19. PLUG BACK T.D.: MD 12,054 TVD 12,054	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD 9,163 PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) GR, HDI, Caliper, COMP 2, CN, CD, XMAC, BHC A,	23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)
---	---

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17-1/2"	13-3/8 K-55	54.5	0	622		G 750	154	0	n/a
12-1/4"	9-5/8" N-80	40	0	5,685		G 905	432	0	n/a
8-3/4"	7" 110	29	8,932	9,860		G 268	119	8932	n/a
6"	4-1/2" 110	13.5	11,983	12,054		G 235	80	11983	n/a

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	11,500	9,125						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WASATCH	9,764	12,054			11,403 11,834	3-1/8	63	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) WASATCH	9,764	12,054			10,718 11,380	3-1/8	102	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C) WASATCH	9,764	12,054			10,130 10,662	3-1/8	75	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D) WASATCH	9,764	12,054			9,278 10,099	3-1/8	183	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
9,278 - 13,632	5,000 GALLONS ACID FLUSH W/ 16,128 GALLONS 2% KCL RATE, 15,000 LBS., 100 MESH SAND, 275 BIO BALLS.

29. ENCLOSED ATTACHMENTS:

- |   |  |                                     |   |
|---|--|-------------------------------------|---|
| <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS                         | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT | <input type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS   | <input type="checkbox"/> OTHER:     |   |

30. WELL STATUS:

Producing

RECEIVED

DEC 07 2007

DIV. OF OIL, GAS & MINING

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 9/2/2007		TEST DATE: 9/25/2007		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 754		GAS – MCF: 1,388		WATER – BBL: 372		PROD. METHOD: FLOWING							
CHOKE SIZE:		TBG. PRESS. 750		CSG. PRESS. 2,450		API GRAVITY 44.10		BTU – GAS		GAS/OIL RATIO		24 HR PRODUCTION RATES: →		OIL – BBL: 754		GAS – MCF: 1,388		WATER – BBL: 372		INTERVAL STATUS:	

## INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
GREEN RIVER	5,629	6,560		GREEN RIVER	5,629
GREEN RIVER MAHOG BENCH	6,560	7,977		GREEN RIVER MAHOGANY BENCH	6,560
LOWER GREEN RIVER	7,977	9,764		LOWER GREEN RIVER	7,977
WASATCH	9,764	12,054		WASATCH	9,764

## 35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) RHONDA EDDS

TITLE SR. REGULATORY ANALYST

SIGNATURE

DATE 12/5/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana St. , Houston, TX, 77002		<b>8. WELL NAME and NUMBER:</b> CASE 2-31B4
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0780 FSL 0780 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 31 Township: 02.0S Range: 04.0W Meridian: U		<b>9. API NUMBER:</b> 43013335480000
<b>PHONE NUMBER:</b> 713 420-5038 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

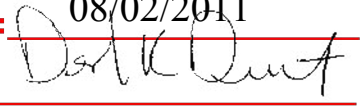
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 8/1/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input checked="" type="checkbox"/> <b>ACIDIZE</b>  <input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>  <input type="checkbox"/> <b>CHANGE WELL STATUS</b>  <input type="checkbox"/> <b>DEEPEN</b>  <input type="checkbox"/> <b>OPERATOR CHANGE</b>  <input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>  <input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>  <input type="checkbox"/> <b>TUBING REPAIR</b>  <input type="checkbox"/> <b>WATER SHUTOFF</b>  <input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	<input type="checkbox"/> <b>ALTER CASING</b>  <input type="checkbox"/> <b>CHANGE TUBING</b>  <input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>  <input type="checkbox"/> <b>FRACTURE TREAT</b>  <input type="checkbox"/> <b>PLUG AND ABANDON</b>  <input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>  <input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>  <input type="checkbox"/> <b>VENT OR FLARE</b>  <input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>  <input type="checkbox"/> <b>OTHER</b>	<input type="checkbox"/> <b>CASING REPAIR</b>  <input type="checkbox"/> <b>CHANGE WELL NAME</b>  <input type="checkbox"/> <b>CONVERT WELL TYPE</b>  <input type="checkbox"/> <b>NEW CONSTRUCTION</b>  <input type="checkbox"/> <b>PLUG BACK</b>  <input type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>  <input type="checkbox"/> <b>TEMPORARY ABANDON</b>  <input type="checkbox"/> <b>WATER DISPOSAL</b>  <input type="checkbox"/> <b>APD EXTENSION</b>  OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 \* POOH with rods & pump. \* Acidize current perfs in three stages with approximately 45000 gallons of 15% HCL. & RIH with rebuilt pump and rods.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 08/02/2011

By: 

<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 420-5038	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/21/2011	



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
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<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana St. , Houston, TX, 77002		<b>8. WELL NAME and NUMBER:</b> CASE 2-31B4
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0780 FSL 0780 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 31 Township: 02.0S Range: 04.0W Meridian: U		<b>9. API NUMBER:</b> 43013335480000
<b>PHONE NUMBER:</b> 713 420-5038 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input checked="" type="checkbox"/> <b>ACIDIZE</b>	
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 8/23/2011	<input type="checkbox"/> <b>ALTER CASING</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>CHANGE WELL TYPE</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>NEW CONSTRUCTION</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PLUG BACK</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>TEMPORARY ABANDON</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>WATER DISPOSAL</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>OTHER:</b> <input style="width: 100px;" type="text"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  Acidized with 45,000 gallons of acid with 282 Bio Balls. See attached daily operations summary for details of work performed.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 420-5038	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/24/2011	

WESTERN

ALTAMONT FIELD

CASE 2-31B4

CASE 2-31B4

WORKOVER LAND

## Operation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

**RECEIVED** Aug. 24, 2011

## 1 General

### 1.1 Customer Information

Company	WESTERN
Representative	
Address	

### 1.2 Well Information

Well	CASE 2-31B4		
Project	ALTAMONT FIELD	Site	CASE 2-31B4
Rig Name/No.	BASIC/1480	Event	WORKOVER LAND
Start Date	7/29/2011	End Date	
Spud Date	6/5/2007	UWI	031-002-S 004-W 30
Active Datum	GROUND LEVEL @6,041.0ft (above Mean Sea Level)		
Afe No./Description	154704/42984 / CASE 2-31 B4		

## 2 Summary

### 2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
8/1/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC: ROADING RIG
	7:00 8:30	1.50	POST	18		P		ROAD RIG FROM THE ALLEN 3-8B4 TO LOCATION
	8:30 10:30	2.00	MIRU	17		P		SLIDE ROTO FLEX MIRU RU HOT OIL TRUCK PMP 60 BBLS OF HOT TPW DOWN ANNULAS
	10:30 12:00	1.50	POST	03		P		LAY DOWN POLISH RODS WORK PMP OFF SEAT FLUSH TBG w 65 BBLS OF HOT TPW
	12:00 14:30	2.50	PRDHEQ	39		P		TOH w 94-1" 109-7/8" 130-3/4" 18-1" RODS LAY DOWN 1 1/2" PMP
	14:30 16:30	2.00	STRUCT	16		P		CHANGE HANDLING TOOLS ND WELL HEAD NU BOPE RELEASE 7" TAC
	16:30 17:30	1.00	PRDHEQ	39		P		RU SCAN EQUIPMENT SOH SCANNING 42 JTS OF 2 7/8" TBG SECURE WELL SDFN 80 GALS OF DIESEL 100 GALS OF LPG PMP 255 BBLS OF WTR TODAY
8/2/2011	6:00 7:00	1.00	POST	28		P		CREW TRAVLE TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; SCANNING TUBING
	7:00 12:00	5.00	PRDHEQ	39		P		TSIP 50 PSI CSIP 50 PSI BLED OFF PRESSURE CONTINUE SCANNING 2 7/8" TBG SCAN TTL OF 281 JTS 166 JTS YELLOW 105 JTS BLUE 10 JTS RED LD THE RED JTS AND BHA
	12:00 13:30	1.50	SL	32		P		RU SLICK LINE RUN IN AND TAG AT 12114' SLICK LINE MD
	13:30 18:00	4.50	PRDHEQ	39		P		PU 4 1/2" CSG SCRAPER w 3 3/4" ROCK BIT TALLY AND PU 96 JTS OF 2 3/8" TBG XO CONTINUE w 184 JTS OF 2 7/8" TBG TO LINNER TOP AT 8921' SECURE WELL SDFN 80 GALS OF DIESEL 100 GALS OF LPG
8/3/2011	6:00 7:00	1.00	POST	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TUBING
	7:00 10:30	3.50	PRDHEQ	39		P		TSIP 200 PSI CSIP 300 PSI BLED OFF PRESSURE CONTINUE TIH w 4 1/2" CSG SCRAPER AND 3 3/4" ROCK BIT TO 11928'
	10:30 14:30	4.00	PRDHEQ	39		P		TOH w 281 JTS OF 2 7/8" TBG 96 JTS OF 2 3/8" TBG LD 4 1/2" CSG SCRAPER AND 3 3/4" ROCK BIT SECURE WELL
	14:30 15:30	1.00	SITEPRE	18		P		RU PUMP AND LINES SDFN 80 GALS OF DIESEL 75 GALS OF LPG
8/4/2011	6:00 7:00	1.00	POST	28		P		CREW TRAVEL TO LOCATION HSM WRIET AND REVIEW JSA TOPIC; TRIPPING TUBING

## 2.1 Operation Summary (Continued)

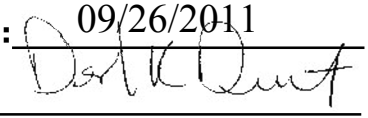
Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	7:00 10:30	3.50	PRDHEQ	39		P		CSIP 50 PSI BLED OFF PRESSURE PU 4 1/2" PKR AND PLUG TIH w 96JTS OF 183 JTS 2 7/8" TBG TO ABOVE THE LINER TOP EOT 8909 SECURE WELL SHUT DOWN WAIT ON ACID
	10:30 12:00	1.50	PRDHEQ	39		P		PREPARE LOCATION FOR ACID JOB
8/5/2011								WAIT ON ACID
8/6/2011								WAIT ON ACID
8/7/2011								WAIT ON ACID
8/8/2011								WAIT ON ACID
8/9/2011								WAIT ON ACID EQUIPMENT
8/10/2011								WAIT ON ACID EQUIPMENT
8/11/2011								WAIT ON ACID EQUIPMENT
8/12/2011								WAIT ON ACID EQUIPMENT
8/13/2011								WAIT ON ACID EQUIPMENT
8/14/2011	6:00 6:00	24.00						WAIT ON ACD
8/15/2011								WAIT ON ACID EQUIPMENT
8/16/2011	6:00 6:00	24.00	POST	42		C		WAIT ON ACID EQUIPMENT
8/17/2011	6:00 7:00	1.00	STRUCT	28		P		HSM WRITE AD REVIEW JSA TOPIC; LAY DOWN TBG
	7:00 8:30	1.50	STRUCT	17		P		CSIP 200 PSI TSIP 400 PSI BLED OFF WELL
	8:30 12:00	3.50	STRUCT	39		P		TOH LAYING DOWN 88 JTS OF 2 7/8" TBG TIH OUT OF THE DERRICK W 88 JTS OF 2 7/8" TBG LAND TBG START TO RIG DOWN FLOOR
	12:00 15:00	3.00	STRUCT	39		C		RIG FLOOR BACK UP TOH w 88 JTS OF 2 7/8" STAND IN DERRICK PU 88 JTS OF 2 7/8" TBG SECURE WELL SDFN WAIT ON ACID EQUIPMENT 80 GALS OF DIESEL 75 GALS OF LPG
8/18/2011	6:00 6:00	24.00	POST	18		P		WAIT ON ACID EQUIPMENT
8/19/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOIPC; BLEEDING DOWN WELL
	7:00 10:30	3.50	PRDHEQ	39		P		CSIP 200 PSI TSIP 250 PSI BLED OFF PRESSURE TIH w TBG SET 4 1/2" RBP AT 11230' TOH ABOVE LINER SECURE WELL SDFN
	10:30 14:00	3.50	PRDHEQ	35		P		RIG UP FLOW BACK MANIFOLD AND LINES .....HALLIBURTON BRING IN ACID READY TO PUMP ACID IN THE AM SDFN...60 GALS OF DIESEL 550 GALS OF LPG
8/20/2011	6:00 7:00	1.00	STG01	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; ACID FUMES
	7:00 8:00	1.00	STG01	35		P		CSIP 150 PSI TSIP 100 PSI BLED OFF PRESSURE
	8:00 9:00	1.00	STG01	35		P		TIH w 4 1/2" PKR AND SET AT 10110'
	9:00 13:00	4.00	STG01	35		P		HSM WRITE AND REVIEW JSA; PUMPING ACID...MIRU HALLIBURTON MIX ACID IN FRAC TANKS
	13:00 14:30	1.50	STG01	35		P		STG 1; PRESSURE TEST PUMP AND LINES TO 9218 PSI PUMP 7500 GALS OF ACID DROP 147 BIO BALL PUMP 7500 GALS OF ACID OVER DISP ACID w 80 BBLS OF 2% KCL MAX PRESSURE 5900 PSI AVE PRESSURE 500 PSI MAX RATE 15.5 BPM AVE RATE 12 BPM ISDP 200 PSI WELL ON VACUUM
	14:30 15:30	1.00	STG02	35		P		MOVE TOOLS SET RBP AT 9960' SET PKR AT 9740'
	15:30 17:00	1.50	STG02	35		P		STG 2; PRESSURE TEST PUMP AND LINES TO 9218 PSI PUMP 7500 GALS OF ACID DROP 69 BIO BALL PUMP 7500 GALS OF ACID OVER DISP ACID w 65 BBLS OF 2% KCL MAX PRESSURE 5900 PSI AVE PRESSURE 2000 PSI MAX RATE 17.4 BPM AVE RATE 12.5 BPM ISDP 150 PSI WELL ON VACUUM
	17:00 18:00	1.00	STG03	35		P		MOVE TOOLS SET RBP AT 9680' SET PKR AT 9250'
	18:00 19:30	1.50	STG03	35		P		STG 3; PRESSURE TEST PUMP AND LINES TO 9340 PSI PUMP 7500 GALS OF ACID DROP 66 BIO BALL PUMP 7500 GALS OF ACID OVER DISP ACID w 65 BBLS OF 2% KCL MAX PRESSURE 5330 PSI AVE PRESSURE 1500 PSI MAX RATE 15.6 BPM AVE RATE 11.5 BPM ISDP 189 PSI WELL ON VACUUM

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
8/21/2011	19:30 19:30	0.00	SITEPRE	35		P		SECURE WELL SDFN RIG DOWN HALLIBURTON
	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TUBING
	7:00 12:00	5.00	PRDHEQ	39		P		CSIP 0 PSI TSIP 0 PSI RELEASE PKR TIH RELEASE RBP TOH w 240 JTS OF 2 7/8" TBG CHANGE HANDLING TOOLS LAY DOWN 79 JTS OF 2 3/8" TBG.. LOST 17 JTS PKR & RBP IN HOLE PULL OUT OF COUPLING ( THREADS ON PIN PULLED )
	12:00 14:00	2.00	PRDHEQ	39		P		WAIT ON FISHING TOOLS
	14:00 19:30	5.50	PRDHEQ	39		P		PU 3 3/4" OVER SHOT w 3 1/6" SPIRAL GRAPPLE PU TIH w 77 2 3/8" TBG CHANGE HANDLING TOOLS TIH w 240 JTS OF 2 7/8" TBG ENGAGE FISH LATCH ON SOH FISH DRAGGING PULLED OVER LOST FISH TIH ENGAGE FISH AT PBTD 11926' SOH FISH DRAGGING TOH ABOVE LINER EOT 8818' SECURE WELL SDFN
8/22/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC TRIPPING TBG
	7:00 10:00	3.00	PRDHEQ	39		N		FINISH TOH w 240 JTS OF 2 7/8" TBG CHANGE HANDLING TOOLS TOH w 77 JTS OF 2 3/8" TBG TO OVER SHOT NO FISH LOOKS LIKE POSABAL SPLIT COUPLING
	10:00 11:30	1.50	PRDHEQ	42		N		WAIT ON FISHING TOOLS
	11:30 15:30	4.00	PRDHEQ	39		N		PU OVER SHOT w SHOT CACTH DRESSED w 2 5/8" GRAPPLE TIH w 77 JTS OF 2 3/8" TBG 282 JTS OF TBG ENGAGE FISH
	15:30 21:00	5.50	PRDHEQ	39		N		ATTEMPT TO CACTH FISH FAILED RU POWER SWIVEL CONT WORKING TO CATCH FISH LATCH UP ON FISH DRAG FISH OUT OF LINER SECURE WELL SDFN EOT 8870' 87 GALS DIESEL 100 GALS OF LPG
8/23/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PINCH POINTS
	7:00 10:30	3.50	PRDHEQ	39		P		FINISH TOH w FISH LAY DOWN SAME
	10:30 13:30	3.00	PRDHEQ	39		P		TIH w 77 JTS OF 2 3/8" TBG TOH LAY DOWN SAME
	13:30 15:00	1.50	PRDHEQ	59		N		AIR VALVE ON CLUCH FAILED REPAIRE RIG
	15:00 18:00	3.00	PRDHEQ	39		P		RU HYDROTEST TOOLS PU BHA 5 3/4" NO-GO SOLID PLUG 2 JTS OF 2 7/8" N-80 8RD TBG 5 1/2" PBGA 6' X 2 7/8" TBG SUB 2 7/8" PSN 9 JTS OF 2 7/8" N-80 8RD TBG 7" TAC w CARBIDE SLIPS 86 JTS OF 2 7/8" N-80 8RD TBG HYDROTEST TBG TO 8500 PSI EOT 3123' SECURE WELL SDFN 87 GALS OF DIESEL 75 GALS OF LPG
8/24/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; HYDROTESTING TBG
	7:00 13:00	6.00	PRDHEQ	39		P		FINISH HYDROTESTING TBG TO 8500 PSI REPLACE 7 JTS FAILED TEST...TTL JTS TESTED 283
	13:00 14:00	1.00	PRDHEQ	39		P		SET TAC 8642' w 25K TENTION ND BOPE NU WELL HEAD
	14:00 17:30	3.50	PRDHEQ	39		P		CHANGE HANDLING TOOLS TIH w 2 1/2" X 1 1/2" X 38' RHBC PUMP 18-1" 130-3/4" 109-7/8" 94-1" RODS SPACE OUT PUMP w 2',6' X 1" PONY RODS FILL TBG w 35 BBLs OF 2% KCL TEST AND STROKE TEST TO 1000 PSI TEST GOOD
	17:30 19:00	1.50	PRDHEQ	13		P		RDMO 80 GALS OF DIESEL 100 GALS OF LPG...SLIDE ROTO FLEX TURN WELL OVER TO PRODUCTION

Table of Contents

1	General.....	1
1.1	Customer Information.....	1
1.2	Well Information.....	1
2	Summary.....	1
2.1	Operation Summary.....	1

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP		<b>7. UNIT or CA AGREEMENT NAME:</b>			
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana St. , Houston, TX, 77002		<b>8. WELL NAME and NUMBER:</b> CASE 2-31B4			
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 0780 FSL 0780 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 31 Township: 02.0S Range: 04.0W Meridian: U		<b>9. API NUMBER:</b> 43013335480000			
<b>PHONE NUMBER:</b> 713 420-5038 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT			
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/16/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <span style="border: 1px solid black; padding: 2px;">PU Optimization</span> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; padding: 2px;">PU Optimization</span>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  Please see attached procedure.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> 09/26/2011 <b>By:</b> 					
<b>NAME (PLEASE PRINT)</b> Maria S. Gomez		<b>PHONE NUMBER</b> 713 420-5038			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Sr. Regulatory Analyst			
<b>DATE</b> 9/13/2011					



## Case 2-31B4 Procedure Summary

- POOH w/rods, pump, and tubing
- RIH w/optimized BHA, tubing to optimized depth, and optimized rod string
- Clean location and resume production

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: CASE 2-31B4	
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013335480000	
3. ADDRESS OF OPERATOR: 1001 Louisiana St. , Houston, TX, 77002	PHONE NUMBER: 713 420-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0780 FSL 0780 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 31 Township: 02.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	OTHER: <input type="text" value="PU Optimization"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/3/2012				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

See attached operations procedure for details.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 March 07, 2012

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Principle Regulatory Analyst
SIGNATURE N/A		DATE 3/6/2012

## 1 General

### 1.1 Customer Information

Company	WESTERN
Representative	
Address	

### 1.2 Well Information

Well	CASE 2-31B4		
Project	ALTAMONT FIELD	Site	CASE 2-31B4
Rig Name/No.	NABORS DRILLING/561	Event	LOE LAND
Start Date	1/31/2012	End Date	2/4/2012
Spud Date	6/5/2007	UWI	031-002-S 004-W 30
Active Datum	KB @6,063.0ft (above Mean Sea Level)		
Afe No./Description	LOL /		

## 2 Summary

### 2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
2/1/2012	6:00 7:30	1.50	PRDHEQ	46		P		CREW TRAVEL, SAFETY MEETING ( MOVING AND RIGGING UP RIG) FILL OUT AND REVIEW JSA
	7:30 9:00	1.50	PRDHEQ	18		P		MOVE RIG TO LOCATION FROM 4-15B4
	9:00 10:00	1.00	PRDHEQ	18		P		SLIDE ROTOFLEX AND SPOT IN AND RIG UP RIG WHILE PUMPING 60 BBLs 2% KCL DOWN CASING
	10:00 11:30	1.50	PRDHEQ	18		P		UNSEAT PUMP AND FLUSH RODS WITH 60 BBLs 2% KCL, RESEAT PUMP AND FILL TUBING WITH 30 BBLs 2% KCL
	11:30 15:00	3.50	PRDHEQ	42		P		LAY DOWN POLISH ROD, 1-2', 2-8' X 1" ROD SUBS AND PULL OUT OF HOLE WITH 94-1" RODS, 106-78" RODS, LAY DOWN 3-3/4" RODS AND HANG 127-3/4" RODS, LAY DOWN 18-1" RODS AND 2 1/2" X 1 1/2" X 36' WEATHERFORD RHBC ROD PUMP
	15:00 16:30	1.50	PRDHEQ	18		P		CROSS OVER TO PULL TUBING, NIPPLE DOWN WELLHEAD AND NIPPLE UP BOP'S, RIG UP RIG FLOOR
	16:30 18:00	1.50	PRDHEQ	18		P		WORK TUBING ATTEMPTING TO RELEASE 7" TUBING ANCHOR CATCHER WITH CARBIDE SLIPS. SECURE WELL
	18:00 18:00	0.00						SHUT DOWN FOR DAY  PUMPED 250 BBLs NON RECOVERABLE FLUID USED 225 GALLONS PROPANE USED 75 GALLONS DIESEL
2/2/2012	6:00 7:30	1.50	PRDHEQ	46		P		CREW TRAVEL, SAFETY MEETING ( RIGGING UP AND DOWN WITH POWER SWIVEL) FILL OUT AND REVIEW JSA
	7:30 8:00	0.50	PRDHEQ	18		P		RIG UP POWER SWIVEL
	8:00 10:30	2.50	PRDHEQ	18		P		USE POWER SWIVEL TO RELEASE TUBING ANCHOR CATCHER WITH CARBIDE SLIPS @ 8,644'
	10:30 11:00	0.50	PRDHEQ	18		P		RIG DOWN POWER SWIVEL
	11:00 11:30	0.50	PRDHEQ	18		P		PULL OUT OF HOLE WITH 300' OF TUBING. ANCHOR @ 8,344'
	11:30 16:00	4.50	PMPNG	10		P		WAIT FOR ACID, RIG UP ACID TRUCK. PUMP 5 BBL 2% KCL PAD, 1 BBL OF PARRIFIN SOLVENT, 5 BBL 2% KCL PAD, 1 BBL SCALE INHIBITOR, 5 BBL PAD AND 1500 GALLONS OF 15% HCL ACID. CHASE WITH 30 BBLs 2% KCL
	16:00 17:30	1.50	PRDHEQ	18		P		PULL OUT OF WELL WITH 160 JOINTS OF TUBING WHILE PUMPING 125 BBLs 2% DOWN CASING. SECURE WELL. EOT @ 4665'

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	17:30 18:30	1.00	PMPNG	24		P		FLUSH TUBING WITH 40 BBLS 2% KCL. SHUT WELL IN. SHUT DOWN FOR DAY  PUMPED 305 BBLS 2% KCL USED 50 GALLONS DIESEL USED 175 GALLONS PROPANE
2/3/2012	6:00 7:30	1.50	PRDHEQ	46		P		CREW TRAVEL, SAFETY MEETING (TRIPPING PIPE SAFELY) FILL OUT AND REVIEW JSA. TSIP@ 300 PSI. CSIP @ 300 PSI. BLEED OFF WELL
	7:30 9:00	1.50	PRDHEQ	18		P		PULL OUT OF HOLE WITH 112 JOINTS 2 7/8" TUBING, 7" TUBING ANCHOR CATCHER WITH CARBIDE SLIPS, 9 JOINTS 2 7/8" TUBING, PLUS 45 SEAT NIPPLE, 6' X 2 7/8" SUB, 5 1/2" POOR BOY GAS ANCHOR, 2 JOINTS 2 7/8" MUD ANCHOR, 5 3/4" NO-GO AND SOLID PLUG
	9:00 10:30	1.50	SLKLN	45		P		RIG UP SLICK LINE TRUCK AND MAKE A SLICK LINE TD RUN TO 11,887'. BOTTOM PERF @ 11,834'. POOH AND RIG DOWN SLICK LINE TRUCK
	10:30 15:30	5.00	PRDHEQ	18		P		PICK UP 2 3/8" SOLID PLUG, 2 JOINTS 2 3/8" TUBING, 4' X 2 3/8" PERFORATED AND SLOTTED SUB, 2 3/8" PLUS 45 SEAT NIPPLE AND TRIP INTO WELL WITH 60 JOINTS 2 3/8" TUBING, 2 3/8" X 2 7/8" CHANGE OVER, 7" TUBING ANCHOR CATCHER WITH CARBIDE SLIPS, CHANGE OVER TO RUN 2 7/8" TUBING AND TRIP INTO WELL WITH 286 JOINTS 2 7/8" TUBING. SET ANCHOR @ 9,081' IN 25,000 LBS TENSION, SEAT NIPPLE @ 10,982' AND END OF TUBING @ 11,051'
	15:30 18:00	2.50	PRDHEQ	18		P		RIG DOWN FLOOR, NIPPLE DOWN BOP'S NIPPLE UP WELLHEAD, CHANGE OVER TO RUN RODS AND TIE RIG BACK. SECURE WELL
	18:00 18:00	0.00						SHUT DOWN FOR DAY PUMPED 170 BLS 25 KCL USED 75 GALLONS DIESEL USED 50 GALLONS PROPANE
2/4/2012	6:00 7:30	1.50	PRDHEQ	46		P		CREW TRAVEL, SAFETY MEETING ( PICKING UP RODS AND RUNNING RODS TONGS SAFELY) FILL OUT AND REVIEW JSA FLUSH TUBING WITH 60 BBLS 2% KCL
	7:30 14:00	6.50	PRDHEQ	18		P		PICK UP AND PRIME 2" X 1 1/2" X 36' ROD INSERT PUMP DRESS 10 -1 1/2" WIEGHT BARS AND 66 3/4" RODS WITH 2 3/8" GUIDES, TRIP INTO WELL WITH 137-3/4" RODS WITH 2 7/8" GUIDES, 109 7/8" RERUN RODS WITH GUIDES AND 15 NEW 7/8" RODS WITH GUIDES, CONTINUE TO TRIP INTO WELL WITH 1" RODS, 4 WITH GUIDES, 78 SLICK, 11 WITH GUIDES, AND 1 SLICK. PICK UP 4 NEW 1" SLICK RODS SPACE OUT PUMP WITH 1- 2' X 1" ROD AND PICK UP POLISH ROD AND SEAT PUMP @10,982'
	14:00 15:00	1.00	PMPNG	34		P		FILL TUBING WITH 28 BBLS 2% KCL AND PRESSURE TEST TO 1000 PSI. BLEED TO 250 PSI AND STROKE TEST WITH RIG TO 1000 PSI
	15:00 17:00	2.00	MNTSRF	18		P		RIG DOWN RIG, SLIDE UNIT, HANG OFF RODS, PUMP PICKED UP 30" OFF OF NEUTRAL PUT WELL ON PRODUCTION AND MOVE RIG TO 2-12B4 SHUT DOWN FOR DAY

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
**CDW**

**X - Change of Operator (Well Sold)**

**Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**6/1/2012**

**FROM: (Old Operator):**

N3065- El Paso E&P Company, L.P.  
 1001 Louisiana Street  
 Houston, TX. 77002

Phone: 1 (713) 997-5038

**TO: ( New Operator):**

N3850- EP Energy E&P Company, L.P.  
 1001 Louisiana Street  
 Houston, TX. 77002

Phone: 1 (713) 997-5038

**CA No.**

**Unit:**

**N/A**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- Is the new operator registered in the State of Utah:          Business Number: 2114377-0181
- (R649-9-2) Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 6/25/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Second Oper Chg

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/29/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/29/2012
- Bond information entered in RBDMS on: 6/29/2012
- Fee/State wells attached to bond in RBDMS on: 6/29/2012
- Injection Projects to new operator in RBDMS on: 6/29/2012
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
- The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/29/2012

**COMMENTS:**

Disposal and Injections wells will be moved when UIC 5 is received.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

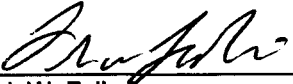
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Multiple Leases
2. NAME OF OPERATOR: El Paso E&P Company, L.P. Attn: Maria Gomez		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		8. WELL NAME and NUMBER: See Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: See Attached

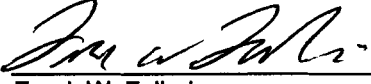
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Name/Operator</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.

  
Frank W. Falleri  
Vice President  
El Paso E&P Company, L.P.

  
Frank W. Falleri  
Sr. Vice President  
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) <u>Maria S. Gomez</u>	TITLE <u>Principal Regulatory Analyst</u>
SIGNATURE <u>Maria S. Gomez</u>	DATE <u>6/22/2012</u>

(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012  
Rachael Medina  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician  
Rachael Medina

(See Instructions on Reverse Side)

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERHANSKY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	



UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MCFARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P	
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P	
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P	
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P	
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P	
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P	
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P	
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P	
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P	
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P	
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P	
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P	
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P	
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P	
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P	
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P	
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P	
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P	
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P	
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P	
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P	
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P	
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P	
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P	
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P	
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P	
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P	
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P	
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P	
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P	
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P	
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P	
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P	
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P	
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P	
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P	
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P	
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P	
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P	
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P	
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P	
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P	
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P	
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P	
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P	
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P	
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P	
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P	
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P	
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P	
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P	
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P	
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P	
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P	
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P	
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P	
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P	
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P	

HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P	
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P	
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P	
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P	
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P	
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P	
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P	
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P	
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P	
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P	
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P	
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P	
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P	
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P	
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P	
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P	
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P	
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P	
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P	
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P	
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P	
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P	
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P	
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P	
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P	
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P	
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P	
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P	
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P	
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P	
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P	
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P	
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P	
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P	
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P	
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P	
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P	
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P	
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P	
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P	
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P	
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P	
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P	
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P	
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P	
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P	
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P	
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P	
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P	
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P	
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P	
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P	
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P	
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P	
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P	
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P	
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P	
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P	

OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHIODO 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P	
OBERHANSKY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P	
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P	
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P	
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P	
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P	
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P	
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P	
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P	
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P	
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA	
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA	
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA	
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA	
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA	
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA	
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA	
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA	
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA	
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA	
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA	
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA	
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA	
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA	
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA	
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA	
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA	
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA	
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA	
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA	
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA	
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA	
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA	
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA	
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA	
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA	
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA	
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA	
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA	
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA	
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA	
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA	
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA	
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA	
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA	
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA	
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA	
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA	
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA	
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA	
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA	
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA	
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA	
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA	
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA	
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA	
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA	
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA	

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA
OBERHANSKY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S



UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	



HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EP ENERGY E&P COMPANY, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana , Houston, TX, 77002		<b>8. WELL NAME and NUMBER:</b> CASE 2-31B4
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0780 FSL 0780 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 31 Township: 02.0S Range: 04.0W Meridian: U		<b>9. API NUMBER:</b> 43013335480000
<b>PHONE NUMBER:</b> 713 997-5038 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text" value="Pump change"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>1/14/2013</b>			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

Installed new pump.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 April 26, 2013

<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 997-5038	<b>TITLE</b> Principal Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/9/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EP ENERGY E&P COMPANY, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana, Houston, TX, 77002		<b>8. WELL NAME and NUMBER:</b> CASE 2-31B4
<b>PHONE NUMBER:</b> 713 997-5038 Ext		<b>9. API NUMBER:</b> 43013335480000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0780 FSL 0780 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 31 Township: 02.0S Range: 04.0W Meridian: U		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>8/5/2013</b>	<input checked="" type="checkbox"/> <b>ACIDIZE</b>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> <b>ALTER CASING</b>
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CASING REPAIR</b>
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>
	<input type="checkbox"/> <b>CHANGE TUBING</b>
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>
	<input type="checkbox"/> <b>CONVERT WELL TYPE</b>
	<input type="checkbox"/> <b>DEEPEN</b>
	<input type="checkbox"/> <b>FRACTURE TREAT</b>
	<input type="checkbox"/> <b>NEW CONSTRUCTION</b>
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>
	<input type="checkbox"/> <b>PLUG BACK</b>
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>
	<input type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>
	<input type="checkbox"/> <b>TEMPORARY ABANDON</b>
	<input type="checkbox"/> <b>TUBING REPAIR</b>
	<input type="checkbox"/> <b>VENT OR FLARE</b>
	<input type="checkbox"/> <b>WATER DISPOSAL</b>
	<input type="checkbox"/> <b>WATER SHUTOFF</b>
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>
	<input type="checkbox"/> <b>APD EXTENSION</b>
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>
	<input type="checkbox"/> <b>OTHER:</b> <span style="border: 1px solid black; display: inline-block; width: 150px; height: 1.2em; vertical-align: middle;"></span>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EP will be performing routine ops and may need to acidize with 7500 gals 15% HCL.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** August 09, 2013

**By:** *Derek Duff*

<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 997-5038	<b>TITLE</b> Principal Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/30/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EP ENERGY E&P COMPANY, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana, Houston, TX, 77002		<b>8. WELL NAME and NUMBER:</b> CASE 2-31B4
<b>PHONE NUMBER:</b> 713 997-5038 Ext		<b>9. API NUMBER:</b> 43013335480000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0780 FSL 0780 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 31 Township: 02.0S Range: 04.0W Meridian: U		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>1/20/2014</b>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input checked="" type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION           </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER           </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION           </div> </div>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	
<input type="checkbox"/> <b>OTHER:</b> <span style="border: 1px solid black; display: inline-block; width: 150px; height: 20px; vertical-align: middle;"></span>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EP Energy while performing routine operations needed to acidize with  
 7500 gals of 15% HCL.

**Approved by the  
 Utah Division of  
 Oil, Gas and Mining**

**Date:** January 21, 2014

**By:** *Derek Duff*

<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 997-5038	<b>TITLE</b> Principal Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/21/2014	